INDEX

PROCEEDINGS OF THE ACADEMY OF SCIENCES OF THE USSR Chemistry Section Vols. 136-141, 1961



PROCEEDINGS OF THE ACADEMY OF SCIENCES OF THE USSR Chemistry Section Vols. 136-141, 1961

Α		Badzhadze, L. I.	-1018	Bochkov, A. F.	-93
		Bakalo, L. A.	-1155	Bogatikov, B. F.	-1063
Ablov, A. V.	-1116	Bakhitov, M.	-1268	Bogdanova, A. V.	-73
Abubakirov, N. K.	-177	Balakirev, V. F.	-439	Bogdanova, O. K.	-511
Ageev, N. V.	-465	Balandin, A. A.	-511	Bogdanova, O. K.	-557
Akbaev, A.	-405	Balandin, A. A.	-557	Bogoslovskii, N. A.	-988
Akhnazaryan, A. A.	-139	Balandin, A. A.	-624	Bogoslovskii, V. N.	-799
Akhrem, A. A.	-371	Balandin, A. A.	-686	Boikova, A. I.	-358
Akhrem, A. A.	-507	Balandin, A. A.	-795	Bolomikova, T. N.	-411
Alaniya, V. P.	-703	Balandin, A. A.	-1158	Borod'ko, Yu. G.	-223
Aldanova, N. A.	-918	Balandin, A. A.	-1199	Borod'ko, Yu. G.	-642
Alekasandrov, Yu. A.	-1	Baratashvili, I. B.	-836	Brainina, E. M.	-514
Aleksandrov, Yu. A.	-922	Barinova, L. K.	-1293	Brainina, E. M.	-628
Alekseeva, E. A.	-402	Bartok, M.	-219	Breitsis, V. B.	-189
Alekseev, V. I.	-1119	Bashilova, N. I.	-1247	Brilkina, T. G.	-1
Aliev, M. I.	-830	Baskov, Yu. V.	-169	Brilkina, T. G.	-1310
Alimardanov, R. S.	-912	Batalov, A. P.	-5	Brodskaya, B. Kh.	-135
Alimarin, I. P.	-81	Batuev, M. I.	-371	Brodskii, A. I.	-604
Alimarin, I. P.	-167	Bazhin, N. M.	-411	Brueva, T. R.	-733
Alisova, E. V.	-847	Bazilevich, V. V.	-420	Bruker, A. B.	-841
Al'tshuler, O. V.	-1026	Bebikh, G. F.	-49	Buchachenko, A. L.	-1022
Ananchenko, S. N.	-489	Bednyagina, N. P.	-1307	Budnikov, G. K.	-338
Andreeva, I. V.	-852	Belen'kii, L. I.	-838	Budnikov, P. P.	-471
Andreev, P. F.	-852	Beletskaya, I. P.	-115	Budnikov, P. P.	-560
Andrianova, G. P.	-753	Belikova, N. A.	-9	Buntar', N. N.	-446
Andrianov, K. A.	-467	Belomestnykh, I. P.	-511		
Andrianov, K. A.	-896	Belomestnykh, I. P.	-557	C	
Andrianov, K. A.	-1029	Bel'skii, I. F.	-69	Chadaeva, N. A.	-449
Antonovskii, V. L.	-996	Bel'skii, I. F.	-219	Charskaya, B. A.	-635
Apinitis, S. K.	-358	Bel'skii, I. F.	-282	Cheburkov, Yu. A.	-379
Arbuzov, A. E.	-338	Bel'skii, I. F.	-329	Chekmareva, I. B.	-855
Arbuzov, A. E.	-1073	Bel'skii, I. F.	-524	Cherkezishvili, K. I.	-127
Arbuzov, A. E.	-1122	Bel'skii, I. F.	-601	Chenetskii, V. P.	-432
Arbuzov, A. E.	-1153	Bel'skii, I. F.	-740	Chernyavskaya, L. F.	-701
Arbuzov, B. A.	-296	Bel'skii, I. F.	-1189	Chernysheva, T. I.	-915
Arbuzov, B. A.	-331	Belyavskaya, E. M.	-123	Chernyshev, E. A.	-352
Arbuzov, Yu. A.	-365	Berenikina, S. G.	-855	Chernyshev, E. A.	-975
Aren, A. K.	-368	Berezhiani, V. M.	-836	Chia-yung, Yu.	-1199
Arest-Yakubovich, A.	A833	Berezin, B. D.	-1126	Chibisov, A. K.	-1040
Artamonova, E. P.	-1092	Berezkin, V. G.	-871	Chibrikin, V. M.	-411
Avoyan, G. L.	-85	Bergel'son, L. D.	-1076	Chih-heng, Huang.	-1169
		Berlin, A. A.	-899	Chih-heng, Huang.	-1221
В		Berlin, A. A.	-925	Chirkov, A. K.	-269
Babaeva, A. V.	-1185	Bersuker, I. B.	-1079	Chlenov, I. E.	-280
Babievskii, K. K.	-1235	Blinova, N. I.	-1033	Chudakov, M. I.	-428

Chufarov, G. I.	-439	Ermakova, I. I.	-1283	Gerkhardt, E. I.	-896
Chufarov, G. I.	-799	Essen, L. N.	-563	Gerout, V.	-543
Chufarov, G. I.	-1237	Estaf'ev, V. P.	-420	Gil'dengershel', Kh. I.	-475
Chukovskaya, E. Ts.	-361	Etlis, V. S.	-949	Gil'dengershel', Kh, I.	-902
		Evdokimov, V. F.	-1261	Giller, S. A.	-999
D		Evseev, A. M.	-723	Giller, S. A.	-1195
Dal', V. V.	-941			Gil'm Kamai	-261
Davydova, G. V.	-944	\mathbf{F}		Ginsburg, V. A.	-1069
Davydova, M. A.	-85	Faizi, N. Kh.	-534	Ginsburg, V. A.	-1112
Deev, V. I.	-961	Federovskaya, E. A.	-952	Ginsburg, V. A.	-1130
Delinskaya, E. D.	-173	Fedotov, V. P.	-836	Glazova, V. V.	-13
Dembitskii, A.	-398	Feigina, M. Yu.	-918	Glazova, V. V.	-530
Derevitskaya, V. A.	-1254	Fel'dshtein, L. S.	-155	Glukhoded, I. S.	-716
Dikii, M. A.	-394	Fialkov, Yu. Ya.	-459	Glushenkov, V. A.	-682
Dobrovol'skii, S. V.	-247		-1130	Gol'dfarb, Ya. L.	-442
Dogadkin, B. A.	-578	Filatov, A. S.	-620	Gol'dfarb, Ya. L.	-838
Dogadkin, B. A.	-608	Filatov, E. S.		Gol'dshtein, I. P.	-173
Dogadkin, B. A.	-1082	Fisher, E.	-462	Gol'dshtein, I. P.	-534
Dolgii, I. E.	-859	Fluorinskii, F. S.	-409	Gol'dshtein, I. P.	-566
Dolgoplosk, B. A.	-1283	Fogel'son, M. S.	-1082	Goldovskii, E. A.	-1043
Dolgova, Yu. Ya.	-549	Fokin, A. V.	-597	Golovnya, R. V.	-147
Dombrovskaya, N. S.	-402	Fok, N. V.	-958	Golub, A. M.	-517
Dombrovskaya, N. S.	-453	Foss, V. L.	-1270	Golub, A. M.	-1210
Dontsov, A. A.	-608	Franchuk, N. F.	-604	Golubtsova, R. B.	-300
Dorokhov, V. A.	-51	Freidlin, L.Kh.	-207	Golubtsova, R. B.	-335
Dregeris, Ya. Ya.	-368	Freidlin, L. Kh.	-383	Golubtsov, S. A.	-635
Drozdova, E. V.	-1280	Freidlin, L. Kh.	-865	Gonikberg, M. G.	
Drozdov, N. S.	-310	Freidlina, R. Kh.	-292	O.	-316
Drozd, V. N.	-272	Freidlina, R. Kh.	-361	Gonikberg, M. G.	-570
Druzhinin, I. G.	-405	Freidlina, R. Kh.	-387	Gorbunova, L. V.	-1022
Duburs, G. Ya.	-679	Freidlina, R. Kh.	-424	Gorina, I. I.,	-850
Dudkin, L. D.	-1085	Freidlina, R. Kh.	-514	Gorovits, M. B.	-177
	-1257	Freidlina, R. Kh.	-553	Goryaev, M. I.	-673
Dumpis, T. T.		Freidlina, R. Kh.	-628	Goryaev, M. I.	-1059
D' yachkova, O. S.	-325	Freimanis, Ya. F.	-667	Goryaev, M. I.	-1214
Dyatkin, B. L.	-646	Freimanis, Ya. F.	-1178	Gracheva, R. A.	-937
Dyatlovitskaya, E. V.	-1076	Frenkel, S. Ya.	-1155	Gragerov, I. P.	-1036
Dyumaev, K. M.	-1141	G		Grandberg, I. I.	-1251
Dzhurinskaya, N. G.	-574	-		Gren, E. Ya.	-745
Dzhurinskii, B. F.	-659	Gabriel'yan, E. G.	-269	Grib, A. V.	-653
Dzhurinskii, B. F.	-905	Gadzhiev, S. N.	-227	Grinberg, A. A.	-131
\mathbf{E}		Galibei, V. I.	-1065	Grinberg, A. A.	-257
	100	Gamali, I. V.	-286	Grinberg, A. A.	-304
Egorova, G. M.	-420	Gantmakher, A. R.	-778	Grinberg, A. A.	-1002
Egorov, Yu. P.	-37	Gantmakher, A. R.	-833	Grinshtein, E. I.	-841
Eidus, Ya. A.	-1195	Gantmakher, A. R.	-964	Grobov, L. N.	-949
Eidus, Ya. T.	-1176	Garnovskii, A. D.	-414	Gromova, G. F.	-241
El'yanov, B. S.	-570	Gatilov, Yu. F.	-261	Grum-Grzhimailo, N.	V306
Emanuel, N. M.	-639	Gatilov, Yu. F.	-806	Grushko, I. E.	-1189
Emin, Yu. B.	-135	Gavrilenko, I. F.	-663	Gryaznov, V. M.	-181
Englin, M. A.	-1130	Geita, L. S.	-705	Gryaznov, V. M.	-749
Entelis, S. G.	-1108	Gel'fman, M. I.	-257	Gubergrits, M. Ya.	-135
Epel'baum, V. A.	-1244	Gel'fman, M. I.	-304	Gudriniece, E. Yu.	-1147
Epple, G. V.	-1108	Geller, B. A.	-1206	Gunar, V. I.	-677
Eremin, E. N.	-1104	Gel'man, A. D.	-563	Gur' yanova, E. N.	-173
Eremin, E. N.	-1150	Gerasimov, Ya. I.,	-723	Gur' yanova, E. N.	-534
Erlikh, R. D.	-247	Gerasimov, Ya. I.,	-742	Gur'yanova, E. N.	-566
				•	

Guseinzade, B. M.	-830	Kazanskii, B. A.	-211	Komissarova, L. N.	-992
Gvardsiteli, I. M.	-127	Kazanskii, B. A.	-537	Komissarova, L. N.	-1137
		Kazanskii, B. A.	-689	Kondrat'eva, G. Ya.	-1169
H		Kazitsyna, L. A.	-1166	Kondrat'eva, G. Ya.	-1221
Hillers, S. A.	-253	Kaz'min, S. D.	-808	Kopelev, Yu. F.	-375
		Kazymov, A. V.	-928	Koptyug, V. A.	-342
I		Keppen, V. A.	-41	Korchemnaya, E. K.	-502
levins, A. D.	-358	Keshishyan, T. N.	-471	Korchemnaya, E. K.	-932
Igonin, L. A.	-1286	Khakhlova, N. V.	-402	Korenev, Yu. M.	-771
In'kova, E. N.	-131	Kharitonov, Yu. Ya.	-1185	Koreshkov, Yu. D.	-185
In'kova, E. N.	-304	Kheruze, Yu. I.	-818	Koreshkov, Yu. D.	-801
Ioffe, B. V.	-1289	Khidekel', M. L.	-1022	Korneva, V. V.	-479
Iogansen, A. V.	-479	Khidelkel', M. L.	-1046	Komilov, I. I.	-306
Ippolitov, E. G.	-25	Khladek, S.	-432	Kornilov, I. I.	-968
Ippolitov, E. G.	-885	Khodakov, G. S.	-806	Kornilov, I. N.	-759
Ippolitova, E. A.	-483	Khodzhemipov, V. A.	-964	Korol'chenko, G. A.	-284
Ippolitova, E. A.	-521	Khorlina, M. Ya.	-292	Korol'chenko, G. A.	-844
Isaev, I. S.	-342	Khorlina, M. Ya.	-391	Kornolev, A. I.	-247
Isaeva, Z. G.	-296	Khorin, A. Ya.	-93	Korotkov, A. A.	-1172
	-1005	Khromov, S. I.	-211	Korshak, V. V.	-231
Ivanchev, S. S.		Kirillova, K. M.	-973	Korshak, V. V.	-411
Ivanchev, S. S.	-1065	Kir' yan, B. V.	-1069		-612
Ivanova, I. L.	-1270	Kiryushkin, A. A.	-365	Korshak, V. V.	-1181
Izmail'skii, V. A.	-682	Kitaev, Yu. P.	-338	Korshak, V. V.	
Izmail'skii, V. A.	-709	Kitaigorodskii, A. I.	-85	Korshunov, I. A.	-5
Izmail'skii, V. A.	-1216	Klabunovskii, E. I.	-686	Kost, A. N.	-1099
K		Klabunovskii, E. I.	-806	Kost, A. N.	-1251
			-89	Kost, V. N.	-292
Kabanov, B. A.	-713	Knunyants, I. L.		Kost, V. N.	-391
Kabanov, V. A.	-878	Knunyants, I. L.	-379	Kost, V. N.	-424
Kalechits, I. V.	-486	Knunyants, I. L.	-597	Kostyanovskii, R. G.	-756
Kalinichenko, I. E.	-789	Knunyants, I. L	-646	Kotlyar, B. I.	-375
Kalinina, A. M.	-862	Knunyants, I. L.	-893	Koton, M. M.	-409
Kalinin, A. I.	-1089	Kobozev, N. I.	-1104	Koton, M. M.	-852
Kalinina, I. D.	-349	Kobozev, N. I.	-1150	Kourzhim, V.	-971
Kalyavin, V. A.	-697	Kochetkova, N. S.	-193	Kovach, E.	-219
Kamai, G. Kh.	-806	Kochetkova, N. S.	-411	Kovalev, B. G.	-581
Kamai, Gil'm	-449	Kochetkova, N. S.	-451	Kovalev, Yu. N.	-289
Kamenetskaya, D. S.	-264	Kochetkova, N. S.	-495	Kovaleva, V. J	-1303
Kaplan, E. P.	-313	Kocheshkov, K. A.	-65	Kovba, L. M.	-483
Kaplin, Yu. A.	-1144	Kocheshkov, K. A.	-119	Kovba, L. M.	-521
Karakhanov, R. A.	-524	Kocheshkov, K. A.	-173	Kovba, L. M.	-1102
Karakhanov, R. A.	-601	Kocheshkov, K. A.	-534	Kozina, M. P.	-537
Kara-Murza, S. N.	-241	Kocheshkov, K. A.	-566	Kraevskii, A. A.	-1008
Kargin, V. A.	-753	Kocheshkov, K. A.	-985	Krasnova, T. L.	-975
Kargin, V. A.	-850	Kochetkov, N. K.	-93	Kravchenko, V. M.	-17
Kargin, V. A.	-878	Kochetkov, N. K.	-716	Kravtsov, D. N.	-321
Karklinya, A. M.	-999	Kochetkov, N. K.	-1134	Kravtsov, D. N.	-1053
Karpeiskaya, E. I.	-795	Kochkin, D. A.	-855	Krentsel', B. A.	-941
Karyakin, A. V.	-1040	Kogan, G. A.	-581	Krentsel' B. A.	-1155
Kasatochkin, V. I.	-231	Kolesnikov, D. G.	-97	Kriss, E. E.	-540
Kashevarova, E. I.	-979	Kolosov, M. N.	-365	Krit, N. A.	-416
Kashlinskii, A. I.	-1082	Komarov, N. V.	-159	Krolik, L. G.,	-649
Kataev, E. G.	-1264	Komarov, N. V.	-792	Kropacheva, E. N.	-1283
Kataev, E. G.	-1293	Komissarova, L. N.	-45	Krytsin, A. M.	-1134
Kaup, Yu. Yu.	-865	Komissarova, L. N.	-782	Kucherov, V. F.	-581
Kazakova, Z. I.	-313	Komissarova, L. N.	-868	Kucherov, V. F.	-616
•					

Kucherov, V. F.	-999	Lukashevich, V. O.	-649	Mikheev, N. B.	-1272
Kucher, R. V.	-808	Lukin, A. M.	-349	Milliaresi, E. E.	-1216
Kudryatsev, L. F.	-1144	Lukina, M. Yu.	-537	Minacheva, M. Kh.	-514
Kudryavtsev, L. F.	-1097	Lukina, M. Yu.	-689	Minkin, V. I.	-414
Kudryavtsev, Yu. P.	-231	Luskina, B. M.	-1229	Mirakhmedov, M. M.	-1286
Kugatova-Shemyakina	, G.P.	Lutsenko, I. F.	-1270	Mironov, V. F.	-574
,	-908	Lyashenko, I. N.	-915	Mitrofanova, T. K.	-1008
Kuiv, K. A.	-135			Mochalina, I. G.	-595
Kukhtin, V. A.	-928	M		Moiseev, V. V.	-1089
Kukhtin, V. A.	-973	Makalets, B. I.	-996	Moiseichuk, K. L.	-811
Kukushkin, Yu. N.	-1002	Makarevich, I. F.	-97	Mokhnach, V. O.	-143
Kurashev, M. V.	-663	Makarov, E. S.	-720	Molchalina, E. P.	-646
Kurashev, M. V.	-1305	Makarov, S. P.	-1069	Mostoslavskii, M. A.	-709
Kurasheva, N. A.	-896	Makarov, S. P.	-1112	Motl, O.	-543
Kurchatov, M. S.	-1296	Makarov, S. P.	-1130	Murin, A. N.	-1089
Kumakov, N. N.	-13	Makarov, S. Z.	-319	N	
Kurnakov, N. N.	-530	Makin, S. M.	-492	N	
Kurochkina, G. I.	-878	Maksimov, V. N.	-763	Nartova, T. T.	-968
Kursanov, D. N.	-235	Maksimov, V. N.	-1225	Naryshkina, T. I.	-163
Kursanov, D. N.	-266	Mamedaliev, Yu. G.	-912	Nazarova, N. M.	-383
Kuskov, V. K.	-49	Marchenko, I. Yu.	-763	Neiland, O.	-1232
Kutyurin, V. M.	-1040	Markelova, L. M.	-1280	Neiland, O. Ya.	-1147
Kuzin, I. A.	-1261	Markov, M. A.	-639	Neiman, M. B.	-1022
Kuz'minskii, A. S.	-155	Markowskaya, A.	-21	Neskeyanov, A. N.	-495
Kuz'minskii, A. S.	-1043	Maroshin, Yu. V.,	-792	Nesmeyanova, A. N.	-514
Kuznetsov, E. V.	-1268	Martirosyna, G. T.	-387	Mesmeyanov, A. N.	-147
Kuznetsov, R. A.	-1089	Martynova, L. L.	-1069	Nesmeyanov, A. N.	-193
Kuznetsov, V. I.	-345	Martynova, L. L.	-1112	Nesmeyanov, A. N.	-292
Kuznetsov, V. I.	-881	Marukyan, G. M.	-1158	Nesmeyanov, A. N.	-321
Kuznetsova, A. I.	-507	Materanskaya, N. P.	-310	Nesmeyanov, A. N.	-361
Kuznetsova, E. S.	-1085	Materikova, R. B.	-193	Nesmeyanov, A. N.	-387
Kuznetsova, I. K.	-896	Materikova, R. B.	-411	Nesmeyanov, A. N.	-411
	-030	Materikova, R. B.	-451	Nesmeyanov, A. N.	-424
L		Matevosyan, R. O.	-269	Nesmeyanov, A. N.	-451
Lamitaldi A M	-1092	Matveeva, A. D.	-371	Nesmeyanov, A. N.	-553
Lapitskii, A. V.	-1092 -592	Matveeva, N. G.	-899	Nesmeyanov, A. N.	-584
Latyaeva, V. N.	-971	Matveeva, N. M.	-759	Nesmeyanov, A. N.	-628
Lavrukhina, A. K.		Maurit, M. E.	-1049	Nesmeyanov, A. N.	-653
Lebedev, B. L.,	-670	Medvedev, S. S.	-778	Nesmeyanov, A. N.	-1053
Lebedev, O. L.	-1046	Medvedev, S. S.	-833	Nesmeyanov, Nik. A.	-275
Lemke, A. L.	-1069 -489	Medvedev, S. S.	-964	Nichkov, I. F.	-1276
Leonov, V. N.		Melent'eva, N. V.	-701	Nikiforov, G. A.	-1141
Levina, R. Ya.	-815	Mendelevich, F. A.	-1299	Nikishin, G. I.	-55
Levitskii, E. A.	-763	Men'kov, A. A.	-782	Nikishin, G. I.	-197
Levitskii, I. I.	-316	Men'kov, A. A.	-1137	Nikishin, G. N.	-498
Levitskii, Z. A.	-1225	Meshcheryakov, A. P.	-859	Nikitina, T. V.	-584
Li Chih-Yuan	-89	Michalski, J.	-21	Nikitina, T. V.	-767
Likhosherstov, A. M.	-1134	Mikhailenko, I. E.	-1015	Nikoforova, T. Ya.	-1130
Li Kuang-liang	-352	Milhailov, B. M.	-51	Nikolaev, A. V.	-59
Lipatova, L. F.	-1307	Mikhailov, B. M.	-139	Nikolaev, A. V.	-201
Lipovich, V. G.	-486				-25
Litkovets, A. K.	-251	Mikhailov, B. M.	-693	Nikolaev, N. S.	-101
Litvin, E. F.	-865	Mikhailova, M. P.	-59 -201	Nikolaev, N. S.	
Li, Vei-Gan	-893	Mikhailova, M. P.	-201	Nikolaev, N. S.	-885 -545
Lovtsova, A. N.	-729	Mikheeva, L. M.	-1272	Nikolaev, P. N.	-545
Lubuzh, E. D.	-37	Mikheeva, V.I.	-189	Novikov, S. S.	-1235
Lubuzh, E. D.	-526	Mikheeva, V. I.	-1094	Novoselova, A. V.	-656

Novoselova, A. V.	-771	Pirogova, G. N.	-1015	Razuvaev, G. A.	-1022
Novoselova, A. V.	-828	Plaksin, I. N.	-356	Razuvaev, G. A.	-1046
0		Plate, A. F.	-9	Razuvaev, G. A.	-1097
0		Plotnikova, G. I.	-73	Razuvaev, G. A.	-1144
Obadashyan, G. V.	~289	Plyachenko, V. M.	-988	Razvodovskii, E. F.	-925
Ogibin, Yu. N.	-498	Plyushchev, V. E.	-45	Reitlinger, S. A.	-155
Oladkina, V. A.	-918	Plyushchev, V. E.	-992	Reutov, O. A.	-61
Ol'dekop, Yu. A.	-811	Poddubnyi, I. Ya.	-1261	Reutov, O. A.	-115
Ol'dekop, Yu. A.	-862	Pokatilo, N. A.	-41	Reutov, O. A.	-729
Oppengeim, V. D.	-941	Polak, L. S.	-135	Reutov, O. A.	-1166
Osipov, O. A.	-414	Polak, L. S.	-871	Rode, V. V.	-620
Otopkov, P. P.	-723	Polezhaeva, N. A.	-331	Rodin, S. S.	-971
Ovchinnikov, Yu. A.	-365	Polkovnikov, B. D	-795	Rodionov, A. N.	-65
Ovodova, V. A.	-689	Polyakov, D. K.	-778	Rodionov, A. N.	-985
0100010, 11.11.			-1181	Roginskii, S. Z.	-1026
P		Polyakova, A. M.		Rogovin, A. A.	-1254
Pal'chik, R. I.	-243	Ponomarenko, A. A.	-105	Rogozina, E. M.	-852
Panidi, I. S.	-875	Ponomarenko, A. A.	-767	Royak, S. M.	-1240
Panteleeva, E. P.	-902	Ponomarenko, V. A.	-289	Rubina, T. D.	-1314
Papisov, I. M.	-878	Popov, G. P.	-1057	Rubinshtein, A. M.	-451
•	-1049	Popov, G. P.	-1237	Rubinshtein, A. M.	-733
Parfenov, E. A.	-17	Popovkin, B. A.	-656	Rubinshtein, A. M.	-952
Pastukhova, I. S.		Postovskii, I. Ya.	-269	Rudney, Yu. P.	-979
Pasynkevich, S. V.	-1166	Postovskii, I. Ya.	-1307	Rukhadze, E. G.	-595
Pavlov, N. N.	-578	Posypaiko, V. I.	-453	Rukhadze, E. G.	-620
Pelcher, Yu. E.	-955	Potapov, V. M.	-1059		-736
Pentegova, V. A.	-543	Prebrazhenskii, N.A.	-988	Rusin, A. D.	-502
Pentin, Yu. A.	-815	Preobrazhenskii, N. A.	-1008	Ryabchikov, D. I.	-932
Perekalin, V. V.	-169	Preobrazhenskii, N.A.	-1049	Ryabchikov, D. I.	-1176
Perekalin, V. V.	-1162	Prilezhaeva, E.N.	-588	Ryabova, K. G.	-215
Perevalova, E. G.	-584	Privezentseva, N.F.	-1069	Ryabova, T. S.	
Petrov, A. A.	-818	Privezentseva, N.F.	-1112	Ryabov, V. D.	-875
Petrov, A. D.	-9	Privezentseva, N.F.	-1130	Ryzhik, O. A.	-1276
Petrov, A. D.	-55	Prokhorova, A.A.	-1305	S	
Petrov, A. D.	-127	Prokhvatiolova, I.A.	-1240		
Petrov, A. D.	-197	Prokof'ev, M. A.	-215	Safarov, S. A.	-1063
Petrov, A. D.	-243	Proskumin, M. A.	-1063	Safonova, I. L.	-537
Petrov, A. D.	-280	Pryakhina, L. I.	-725	Samarin, A. M.	-836
Petrov, A. D.	-289	Pudovik, A. N.	-979	Samitov, Yu. Yu.	-296
Petrov, A. D.	-313	Pukhnarevich, V. B.	-159	Samokhalov, G. I.	-988
Petrov, A. D.	-352	Pushchevaya, K. S.	-9	Samosvat, L. S.	-1206
Petrov, A. D.	-462	Pushchevaya, K. S.	-1203	Sanadze, V. V.	-889
Petrov, A. D.	-498	Puzitskii, K. V.	-1176	Sanin, P. I.	-701
Petrov, A. D.	-526	Pylaeva, E. N.	-306	Sarycheva, I. K.	-1049
Petrov, A. D.	-574	Pyrkov, L. M.	-1155	Sarycheva, I. K.	-1008
Petrov, A. D.	-975	•	2200	Savushkina, V. I.	-635
Petrov, A. D.	-1203	R		Savvin, S. B.	-881
Petrov, G. N.	-1172	Rabinovich, I. B.	-545	Sazonova, V. A.	-272
Petrov, L. A.	-465	Rasponin, S. P.	-1276	Seimovich, R. G.	-1158
Petrov, Yu. I.	-686	Ravdel', G. A.	-416	Semenov, G. A.	-1192
Petrova, R. G.	-553	Razuvaev, G. A.	-111	Sendul'skaya, T. I.	-786
Petrukhin, O. M.	-167	Razuvaev, G. A.	-239	Senyavina, L. B.	-1307
Petukhov, G. G.	-111	Razuvaev, G. A.	-325	Serdyuk, O. G.	-824
Petukhov, G. G.	-239	Razuvaev, G. A.	-545	Serebrennikova, G. A.	-1008
Petukhov, G. G.	-1097	Razuvaev, G. A.	-592	Serebryakov, E.P.	-616
Petukhov, G. G.	-1144	Razuvaev, G. A.	-821	Serebryanskii, V. T.	-1244
	-1303	Razuvaev, G. A.	-949	Setkina, V. N.	-235
Pigulevskii, G. V.	1000	141111111111111111111111111111111111111	0.0	, , , , , ,	

Setkina, V. N.	-266	Shuikin, N. I.	-219	Spitsyn, Vikt. I.	-868
Sevchenko, A. N.	-203	Shuikin, N. I.	-282	Spitsyn, Vikt. I.	-1102
Sevchenko, A. N.	-811	Shuikin, N. I.	-329	Spitsyn, Vikt, I.	-1137
Shabalin, A. N.	-1286	Shuikin, N. I.	-524	Stadnichuk, M. D.	-818
Shabarova, Z. A.	-215	Shuikin, N. I.	-601	Stafeeva, N. M.	-799
Shagisultanova, G. A.	-304	Shuikin, N. I.	-740	Stankevich, E. I.	-934
Sharf, V. Z.	-207	Shuikin, N. I.	-1189	Starchik, L. P.	-356
Sharifov, K. A.	-227	Shurin, A. K.	-774	Stender, V. V.	-286
Shcheglov, L. N.	-946	Shusherina, N. P.	-815	Stepanenko, B. N.	-824
Shchegolev, A. A.	-1099	Shushunov, V. A.	-1	Sterin, Kh. E.	-211
Shchegoleva, T. A.	-123	Shushunov, V. A.	-821	Sterlin, R. N.	-893
Shchepetkova, O. A.	-325	Shushunov, V. A.	-922	Sterlyadkina, Z. K.	-1094
Shchukarev, S. A.	-1192	Shushunov, V. A.	-1310	Stetsenko, A. I.	-131
Shchukina, L. A.	-241	Shvartsman, L. A.	-1119	Strakov, A. Ya.	-1147
Shchukina, L. A.	-416	Shvets, V. I.	-988	Struchkov, Yu. T.	-85
Shchukina, L. A.	-918	Simonov, A. M.	-414	Strunin, B. N.	-275
Shchukovskaya, I. L.	-243	Simonov, A. P.	-119	Sukhoverkhov, V. F.	-101
Sheinker, Yu. N.	-185	Simanov, Yu. P.	-771	Sultanov, P.	-526
Sheinker, Yu. N.	-801	Simanov, Yu. P.	-1137	Sultanov, R.	-9
Sheinker, Yu. N.	-1307	Skladnev, A. A.	-597	Sumarokova, T.	-398
Sheka, Z. A.	-540	Skopenko, V. V.	-517	Suvorov, N. N.	-151
Shelimov, B. N.	-958	Skopenko, V. V.	-1210	Svechnikov, V. N.	-774
Shelyubskii, V. I.	-1012	Skuratov, S. M.	-277	Syavtsillo, S. V.	-1229
Shemyakin, M. M.	-365	Skuratov, S. M.	-537	Syrkin, Ya. K.	-223
Shemyakin, M. M.	-416	Sladkov, A. M.	-231	Syrkin, Ya. K.	-642
Shemyakin, M. M.	-918	Slepchenko, I. F.	-356		
Shemyakin, M. M.	-1299	Slinkin, A. A.	-451	T	
Sher, V. V.	-701	Slonimskii, G. I.	-451	Taits, S. Z.	-838
Shigorin, D. N.	-65	Slovetskaya, K. I.	-733	Talalaeva, T. V.	-65
Shigorin, D. N.	-119	Slovokhotova, N. A.	-534	Talalaeva, T. V.	-119
Shikiev, I. A.	-830	Slovokhotova, T. A.	-1199	Tambovtseva, E. S.	-1181
Shilov, A. E.	-77	Smart, I.	-432	Talalaeva, T. V.	-985
Shilovtseva, L. S.	-767	Smirnova, G. S.	-1254	Tananaev, I. V.	-659
		Smirnova, G. V.	-1049	Tananaev, I. V.	-786
Shimulic V I	-181	omminora, o. v.		Tananaev, I. V.	-905
Shimulis, V. I.	-181 -749	Smirnov V I	-961		
Shimulis, V. I.	-749	Smirnov, V. I.	-961 -697		-1264
Shimulis, V. I. Shishkin, V. E.	-749 -1073	Smolina, T. A.	-697	Tantasheva, F. R.	-1264 -1082
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E.	-749 -1073 -1122	Smolina, T. A. Soborovskii, L. Z.	-697 -841	Tantasheva, F. R. Tarasova, Z. N.	-1082
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E.	-749 -1073 -1122 -1153	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V.	-697 -841 -504	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M.	-1082 -736
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V.	-749 -1073 -1122 -1153 -564	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B.	-697 -841 -504 -280	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I.	-1082 -736 -545
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shklyar, S. A.	-749 -1073 -1122 -1153 -564 -862	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I.	-697 -841 -504 -280 -61	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B.	-1082 -736 -545 -815
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A.	-749 -1073 -1122 -1153 -564 -862 -1235	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I.	-697 -841 -504 -280 -61 -115	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B.	-1082 -736 -545 -815 -553
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya.	-749 -1073 -1122 -1153 -564 -862 -1235 -789	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V.	-697 -841 -504 -280 -61 -115	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P.	-1082 -736 -545 -815 -553 -595
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya. Shokina, V. V.	-749 -1073 -1122 -1153 -564 -862 -1235 -789	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V. Sokovnin, E. I.	-697 -841 -504 -280 -61 -115 -982 -319	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P. Terent'ev, A. P.	-1082 -736 -545 -815 -553 -595 -620
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya. Shokina, V. V. Shokova, E. A.	-749 -1073 -1122 -1153 -564 -862 -1235 -789 -89 -211	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V. Sokovnin, E. I. Solntsev, V. M.	-697 -841 -504 -280 -61 -115 -982 -319 -1033	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P. Terent'ev, A. P. Terent'ev, A. P.	-1082 -736 -545 -815 -553 -595 -620 -937
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya. Shokina, V. V. Shokova, E. A. Shorygina, N. N.	-749 -1073 -1122 -1153 -564 -862 -1235 -789 -89 -211	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V. Sokovnin, E. I. Solntsev, V. M. Solomin, N. V.	-697 -841 -504 -280 -61 -115 -982 -319 -1033 -1012	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P.	-1082 -736 -545 -815 -553 -595 -620 -937 -1018
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya. Shokina, V. V. Shokova, E. A. Shorygina, N. N. Shostakovskii, M. F.	-749 -1073 -1122 -1153 -564 -862 -1235 -789 -89 -211 -944 -73	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V. Sokovnin, E. I. Solntsev, V. M. Solomin, N. V. Solomko, N. I.	-697 -841 -504 -280 -61 -115 -982 -319 -1033 -1012 -1005	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P.	-1082 -736 -545 -815 -553 -595 -620 -937 -1018 -1059
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya. Shokina, V. V. Shokova, E. A. Shorygina, N. N. Shostakovskii, M. F. Shostakovskii, M. F.	-749 -1073 -1122 -1153 -564 -862 -1235 -789 -89 -211 -944 -73 -159	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V. Sokovnin, E. I. Solntsev, V. M. Solomin, N. V. Solomko, N. I. Somov, G. V.	-697 -841 -504 -280 -61 -115 -982 -319 -1033 -1012 -1005 -197	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P.	-1082 -736 -545 -815 -553 -595 -620 -937 -1018 -1059 -1099
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya. Shokina, V. V. Shokova, E. A. Shorygina, N. N. Shostakovskii, M. F. Shostakovskii, M. F.	-749 -1073 -1122 -1153 -564 -862 -1235 -789 -89 -211 -944 -73 -159 -588	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V. Sokovnin, E. I. Solntsev, V. M. Solomin, N. V. Solomko, N. I. Somov, G. V. Soprano, V. A.	-697 -841 -504 -280 -61 -115 -982 -319 -1033 -1012 -1005 -197 -703	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P. Terent'ev, A. T.	-1082 -736 -545 -815 -553 -595 -620 -937 -1018 -1059 -1099 -1229
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya. Shokina, V. V. Shokova, E. A. Shorygina, N. N. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, M. F.	-749 -1073 -1122 -1153 -564 -862 -1235 -789 -89 -211 -944 -73 -159 -588 -792	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V. Sokovnin, E. I. Solntsev, V. M. Solomin, N. V. Solomko, N. I. Somov, G. V. Soprano, V. A. Sorm, F.	-697 -841 -504 -280 -61 -115 -982 -319 -1033 -1012 -1005 -197 -703	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P. Terent'ev, A. M. Terent'ev, A. M.	-1082 -736 -545 -815 -553 -595 -620 -937 -1018 -1059 -1229 -111
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya. Shokina, V. V. Shokova, E. A. Shorygina, N. N. Shostakovskii, M. F.	-749 -1073 -1122 -1153 -564 -862 -1235 -789 -89 -211 -944 -73 -159 -588 -792 -740	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V. Sokovnin, E. I. Solntsev, V. M. Solomin, N. V. Solomko, N. I. Somov, G. V. Soprano, V. A. Sorm, F. Sorokina, N. P.	-697 -841 -504 -280 -61 -115 -982 -319 -1033 -1012 -1005 -197 -703 -432 -151	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P. Terent'ev, A. T. Terman, L. M. Terman, L. M.	-1082 -736 -545 -815 -553 -595 -620 -937 -1018 -1059 -1229 -111 -239
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya. Shokina, V. V. Shokova, E. A. Shorygina, N. N. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, V. M. Shpanskii, V. A.	-749 -1073 -1122 -1153 -564 -862 -1235 -789 -89 -211 -944 -73 -159 -588 -792 -740 -1069	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V. Sokovnin, E. I. Solntsev, V. M. Solomin, N. V. Solomko, N. I. Somov, G. V. Soprano, V. A. Sorm, F. Sorokina, N. P. Sosin, S. L.	-697 -841 -504 -280 -61 -115 -982 -319 -1033 -1012 -1005 -197 -703 -432 -151 -411	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P. Terent'ev, A. T. Terent'ev, A. T. Terman, L. M. Tolmachev, Yu. M.	-1082 -736 -545 -815 -553 -595 -620 -937 -1018 -1059 -1229 -111 -239 -1033
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya. Shokina, V. V. Shokova, E. A. Shorygina, N. N. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, V. M. Shpanskii, V. A. Shpirt, M. Ya.	-749 -1073 -1122 -1153 -564 -862 -1235 -789 -89 -211 -944 -73 -159 -588 -792 -740 -1069 -786	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V. Sokovnin, E. I. Solntsev, V. M. Solomin, N. V. Solomko, N. I. Somov, G. V. Soprano, V. A. Sorm, F. Sorokina, N. P. Sosin, S. L. Spirin, Yu. L.	-697 -841 -504 -280 -61 -115 -982 -319 -1033 -1012 -1005 -197 -703 -432 -151 -411	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P. Terent'ev, A. T. Terent'ev, A. T. Terman, L. M. Tolmachev, Yu. M. Tolstaya, T. P.	-1082 -736 -545 -815 -553 -595 -620 -937 -1018 -1059 -1229 -111 -239 -1033 -653
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya. Shokina, V. V. Shokova, E. A. Shorygina, N. N. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, V. M. Shpanskii, V. A. Shpirt, M. Ya. Shtekher, S. M.	-749 -1073 -1122 -1153 -564 -862 -1235 -789 -89 -211 -944 -73 -159 -588 -792 -740 -1069 -786 -277	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V. Sokovnin, E. I. Solntsev, V. M. Solomin, N. V. Solomko, N. I. Somov, G. V. Soprano, V. A. Sorm, F. Sorokina, N. P. Sosin, S. L. Spirin, Yu. L. Spirtsyn, Vikt, I.	-697 -841 -504 -280 -61 -115 -982 -319 -1033 -1012 -1005 -197 -703 -432 -151 -411 -778 -456	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P. Terent'ev, A. T. Terman, L. M. Tolmachev, Yu. M. Tolstaya, T. P. Tolstikov, G. A.	-1082 -736 -545 -815 -553 -595 -620 -937 -1018 -1059 -1229 -111 -239 -1033 -653 -673
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya. Shokina, V. V. Shokova, E. A. Shorygina, N. N. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, V. M. Shpanskii, V. A. Shpirt, M. Ya. Shtekher, S. M. Shuikin, I. I.	-749 -1073 -1122 -1153 -564 -862 -1235 -789 -89 -211 -944 -73 -159 -588 -792 -740 -1069 -786 -277 -670	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V. Sokovnin, E. I. Solntsev, V. M. Solomin, N. V. Solomko, N. I. Somov, G. V. Soprano, V. A. Sorm, F. Sorokina, N. P. Sosin, S. L. Spirin, Yu. L. Spirtsyn, Vikt, I. Spitsyn, I.	-697 -841 -504 -280 -61 -115 -982 -319 -1033 -1012 -1005 -197 -703 -432 -151 -411 -778 -456 -1015	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P. Terent'ev, A. T. Terman, L. M. Tolmachev, Yu. M. Tolstaya, T. P. Tolstikov, G. A. Tolstikov, G. A.	-1082 -736 -545 -815 -553 -595 -620 -937 -1018 -1059 -1229 -111 -239 -1033 -653 -673 -1059
Shimulis, V. I. Shishkin, V. E. Shishkin, V. E. Shishkin, V. E. Shishkov, N. V. Shishkov, N. V. Shklyar, S. A. Shlyapochnikov, V. A. Shnaiderman, S. Ya. Shokina, V. V. Shokova, E. A. Shorygina, N. N. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, M. F. Shostakovskii, V. M. Shpanskii, V. A. Shpirt, M. Ya. Shtekher, S. M.	-749 -1073 -1122 -1153 -564 -862 -1235 -789 -89 -211 -944 -73 -159 -588 -792 -740 -1069 -786 -277	Smolina, T. A. Soborovskii, L. Z. Sokol'skii, D. V. Sokolova, E. B. Sokolov, V. I. Sokolov, V. I. Sokol'skii, D. V. Sokovnin, E. I. Solntsev, V. M. Solomin, N. V. Solomko, N. I. Somov, G. V. Soprano, V. A. Sorm, F. Sorokina, N. P. Sosin, S. L. Spirin, Yu. L. Spirtsyn, Vikt, I.	-697 -841 -504 -280 -61 -115 -982 -319 -1033 -1012 -1005 -197 -703 -432 -151 -411 -778 -456	Tantasheva, F. R. Tarasova, Z. N. Tatevskii, V. M. Tel'noi, V. I. Teplinskaya, R. B. Terent'ev, A. B. Terent'ev, A. P. Terent'ev, A. T. Terman, L. M. Tolmachev, Yu. M. Tolstaya, T. P. Tolstikov, G. A.	-1082 -736 -545 -815 -553 -595 -620 -937 -1018 -1059 -1229 -111 -239 -1033 -653 -673

Tonchev, A. V.	-663	Vanags, G. Ya.	-934	Yablokov, Yu. V.	-1116
Topchiev, A. V.	-420	Vanags, G. Ya.	-1147	Yagodovskii, V. D.	-181
Topchiev, A. V.	-703	Vanags, G. Ya.	-1257	Yakerson, V. I.	-952
Topchiev, A. V.	-915	Varbanskaya, R. A.	-958	Yakobson, G. G.	-1314
Topchiev, A. V.	-941	Vasil'ev. L. S.	-139	Yakubovich, A. Ya.	-1069
Topchiev, A. V.	-1155	Vasil'ev, L. S.	-693	Yakubovich, A. Ya.	-1112
Topchiev, A. V.	-1305	Vasil'eva, T. T.	-424	Yakubovich, A. Ya.	-1130
Torgov, I. V.	-489	Vasil'eva, V. N.	-1162	Yanovskaya, L. A.	-581
Toropov, N. A.	-358	Vasilevskaya, G. K.	-69	Yanovskii, M. I.	-1026
Tret'yakova, G. F.	-504	Vasil'ev, V. G.	-1162	Yanovskii, V. K.	-471
Tret' yakova, G. F.	-982	Vdovin, V. M.	-9	Yuranova, L. I.	-45
Troepol'skaya, T. V.	-338	Vdovin, V. M.	-526	Yuranova, L. I.	-992
Tropp, M. Ya.	-97	Vdovin, V. M.	-1181	Yurzhenko, A. I.	-1005
Trubnikov, I. S.	-815	Vdovin, V. M.	-1203	Yurzhenko, A. I.	-1065
Trukhmanova, L. B.	-1280	Vecher, A. A.	-742	Yurzhenko, T. I.	-251
Trunov, V. K.	-1102	Venter, K. K.	-999	Yurzhenko, T. I.	-394
Ts'ao-I	-361	Venter, K. K.	1195		
Tse Yun-hsiang	-167	Venters, K. K.	-253	Z	
Tsentsiper, A. B.	-1104	Vesa, V. S.	-908	Zabolotskaya, E. V.	-964
Tsentsiper, A. B.	-1150	Veselyi, I.	-432	Zaikov, G.	-639
Tsirel'nikov, V. I.	-868	Viktorova, I. M.	-534	Zaitsev, B. E.	-185
Tsitovich, I. K.	-29		-495	Zaitsev, B. E.	-801
Tsirule, V. V.	-999	Vil'chevskaya, V. D. Vil'nyanskii, Ya. E.	-946	Zakharkin, L. I.	-479
Tsymbal, L. V.	-588		-918	Zavgorodnii, S. V.	-847
Tszya-Tszan', Ni	-1185	Vinogradova, E. I. Vinogradova, O. M.	-1026	Zav yalov, S. I.	-677
Turchaninova, K. I.	-1286	0		Zefirova, A. K.	-77
Turkel' taub, N. M.	-1229	Vinogradova, S. V. Vinogradova, V. S.	-612 -331	Zelenin, K. N.	-1289
Turkina, M. Ya.	-1036	0	-1092	Zelentsov, V. V.	-804
I dikining ini. I to	2000	Vlasov, L. G.	-411	Zezin, A. B.	-713
U		Voevodskii, V. V.	-33	Zhdanov, G. S.	-1244
Ugai, Ya. A.	-549	Voitekh, O.	-988	Zhdanov, S. P.	-446
Ukrainskii, Yu. M.	-828	Vokova, L. V. Vol'kenshtein, Yu. B.	-442	Zhdanov, Yu. A.	-284
Ul'yanova, E. S.	-345	Volkova, L. M.	-937	Zhdanov, Yu. A.	-844
Usanovich, M.	-398	Volkova, M. A.	-306	Zheru, I. I.	-1116
Usenbaev, K.	-231	Vol'pin, M. E.	-801	Zhil'tsov, S. F.	-1097
Ushakov, S. N.	-1280	Vorob'ev, V. D.	-55	Zhukova, I. G.	-716
	1000	Voronkova, V. V.	-1076	Zhdanov, A. A.	-467
V		Vorozhtsov, N. N.	-342	Zhuk, D. S.	-41
Vainshtein, E. E.	-375	Vorozhtsov, N. N. Jr.	-1314	Zimakov, I. E.	-456
Vaiser, V. L.	-875	Voskoboeva, T. N.	-928	Znamenskii, G. N.	-286
Vaisfel'd, N. M.	-1012	Vozzhennikov, V. M.	-1018	Zolotov, Yu. A.	-81
	-616	Vyazankin, N. S.	-325	Zotova, S. V.	-689
Valter, R. E.		Vykhovanets, V. V.	-486	Zubareva, N. D.	-537
Vanag, G.	-1232	Vyshinskaya, L. I.	-592	Zubov, V. P.	-713
Vanag, G. Ya.	-368	v ysiiliskaya, L. 1.	-092	Zubov, V. P.	-878
Vanag, G. Ya.	-667	117		Zueva, I. P.	-143
Vanag, G. Ya.	-705	W		Zvonkova, Z. V.	-1018
Vanag, G. Ya.	-745	Wu Kuan-Li	-280	Zyat'kov, I. P.	-203
Vanag, G. Ya.	-955			Zyat'kov, I. P.	-811
Vanag, G.Ya.	-1178	Y		Zyubina, T. A.	-549
Vanags, G. Ya.	-679	Yablokov, V. A.	-821	Zyulkovskii, Yu.	-1092

Chemistry Section

Volume 136, Numbers 1-6

January-February, 1961

	PAGE	RUSS. ISSUE	RUSS. PAGE
Triethyl Lead Oxide. Yu. A. Aleksandrov, T. G. Brilkina, and V. A. Shushunov A Study of the Exchange of Ethyl Radicals in the System Al(C ₂ H ₅) ₃ -C ₂ *H ₅ Br.	1	1	89
A. P. Batalov and I. A. Korshunov Derivatives of Silanes with Hydrocarbon Bridges between the Silicon Atoms. Polymerization of 1,1-Dimethylsilicacyclopentane. V. M. Vdovin,	5	1	93
K. S. Pushchevaya, N. A. Belikova, R. Sultanov, A. F. Platé, and A. D. Petrov. Study of the Phase Equilibrium in the System Ti ₃ Sn-Zr. V. V. Glazova and	9	1	96
N. N. Kurnakov	13	1	100
Kravchenko and I. S. Pastukhova,	17	1	104
Diethyl-Se-Chloroselenophosphates, J. Michalski and A. Markowskaya The Synthesis of Complex Fluorides of Hexavalent Rhenium. N. S. Nikolaev	21	1	108
and E. G. Ippolitov The Stability of Chloride Acidocomplexes of Elements of the Fourth Period.	25	1	111
I. K. Tsitovich	29	1	114
Effect of Organic Solvent on the Separating Power of α-Hydroxyisobutyric Acid, O. Voitekh and Vikt, I. Spitsyn.	33	2	339
Use of Infrared Spectra in the Region of CH Valence Vibrations for Determining the Structure of Alkanes, Aromatic Hydrocarbons, and Compounds Con-	30	2	333
Reaction of Cyclohexene with Concentrated Nitric Acid. D. S. Zhuk, V. A.	37	2	342
Keppen, and N. A. Pokatilo	41	2	346
Oxynitrates, L. N. Komissatova, L. I. Yuranova, and V. E. Plyushchev	45	2	350
New Method of Synthesizing Hydroxyarylphosphinic Acids. V. K. Kuskov and G. F. Bebikh.	49	2	354
Organoboron Compounds. Complex Compounds of Borane and Phenylborane with Diethylamine and Some of Their Conversions. B. M. Mikhailov			
and V. A. Dorokhov Free-Radical Addition of Alcohols to Acrylic Acid and Its Methyl Ester.	51	2	356
Synthesis of γ-Lactones. G. I. Nikishin, V. D. Vorob'ev and A. D. Petrov Diagram of Ferric Chloride Extraction with Diethyl Ether. A. V. Nikolaev and	55	2	360
M. P. Mikhailova	59	2	364
Radiochromatography of Organomercury Compounds. O. A. Reutov and V. I.			0.00
Sokolov	61	2	366
K. A. Kocheshkov	65	2	369
Hydrogenation of Furan Derivatives Containing a Carbonyl Group. Conversion of			
2-Alkyl-5-acylfurans to 2,6-Dialkyltetrahydropyrans. I. F. Bel'skii, N. I.			
Shuikin, and G. K. Vasilevskaya	69	3	591

	PAGE	RUSS. ISSUE	RUSS. PAGE
Sterodirected Syntheses with Diacetylene; Isomerization of 1,4-Bis-(arylthio)-1,3-butadienes and Their Sulfones. A. V. Bogdanova, M. F. Shostakovskii, and			
G. I. Plotnikova	73	3	595
Halides. A. K. Zefirova and A. E. Shilov	77	3	599
Zolotov and I. P. Alimarin	81	3	603
A. I. Kitaigorodskii, Yu. T. Struchkov, G. L. Avoyan, and M. A. Davydova The Mechanism of the Addition of Iodine Chloride to Chlorotrifluoroethylene.	85	3	607
I. L. Knunyants, Li Chih-Yuan, and V. V. Shokina Synthesis of K-Strophanthin-8. N. K. Kochetkov, A. Ya. Khorin, and A. F.	89	3	610
Bochkov	93	3	613
I. F. Makarevich, M. Ya. Tropp, and D. G. Kolesnikov New Complex Compounds of the Hexafluorides of Molybdenum, Tungsten, and	97	3	617
Uranium with the Fluorides of Cesium and Ammonium. N. S. Nikolaev and			
V. F. Sukhoverkhov Investigation of the Kinetics of Direct Replacement of the Nitrogroup with Chlorine in Nitrobenzene and m-Chloronitrobenzene upon Action of Carbon Tetra-	101	3	621
chloride on Them. A. A. Ponomarenko	105	3	624
L. M. Terman, and G. G. Petukhov	111	3	628
Electrophilic Substitution at a Saturated Carbon Atom. Influence of the Medium on the Mechanism of Isotopic Exchange between the Ethyl Ester of α-Bromomer-curiphenylacetic Acid and Mercuric Bromide Labelled with Hg ²⁰⁸ . O. A. Reutov			
V. I. Sokolov, and I. P. Beletskaya An Infrared Absorption Spectral Study of the Structure of Lithium Alkoxides. The O-LiO Bond. A. P. Simonov, D. N. Shigorin, T. V. Talalaeva, and K. A.		3	631
Kocheshkov	119	3	634
diborane, T. A. Shchegoleva and E. M. Belyavskaya	123	3	638
H ₂ PtCl ₆ . I. M. Gvardtsiteli, K. I. Cherkezishvili, and A. D. Petrov	127	4	817
A. I. Stetsenko, and E. N. In'kova Electron Paramagnetic Resonance Spectra of Baltic Oil Shales. M. Ya. Gubergrits,	131	4	821
L. S. Polak, B. Kh. Brodskaya, K. A. Kuiv, and Yu. B. Émin	135	4	824
B. M. Mikhailov, A. A. Akhnazaryan, and L. S. Vasil'ev	139	4	828
V. O. Mokhnach and I. P. Zueva Indole Ring Closure of Azobenzene with Cyclohexanone. A. N. Nesmeyanov and	143	4	832
R. V. Golovnya Effect of the Structure of Arylhydrazones on Their Conversion to Indole Derivatives.	. 147	4	836
N. N. Suvorov and N. P. Sorokina	. 151	4	840
L. S. Fel'dshtein, S. A. Reitlinger, and A. S. Kuz'minskii	. 155	4	843
Alcohols, M. F. Shostakovskii, N. V. Komarov, and V. B. Pukhnarevich	159	4	846

	PAGE	RUSS.	RUSS. PAGE
Dehydrogenation of Five- and Six-Membered Rings in the Presence of Active			
Charcoal. N. I. Shuikin and T. I. Naryshkina	163	4	849
Separation of Niobium and Tantalum by Extraction of Niobium N-Benzoylphenyl-			
hydroxylaminate. I, P. Alimarin, O. M. Petrukhin, and Tsê Yün-hsiang	167	5	1073
Synthesis and Chemistry of 3-Nitropropene. Yu. V. Baskov and V. V. Perekalin	169	5	1075
Dipole Moments of Organotin Chlorides and Their Complex-Forming Power,			
I. P. Gol'dshtein, E. N. Gur'yanova, E. D. Delinskaya, and K. A. Kocheshkov.	173	5	1079
New Synthesis of 19-Nor-11-desoxycorticosterone Acetate. M. B. Gorovits and			
N. K. Abubakirov	177	5	1082
Relation of the Catalytic Properties of Metals to the Degree of Approach of the			
State of Their Surface to Equilibrium. V. M. Gryaznov, V. I. Shimulis, and			
V. D. Yagodovskii	181	5	1086
Infrared Spectra and Structure of Some Nonbenzenoid Aromatic Compounds. B. E.			
Zaitsev, Yu, N. Sheinker, and Yu, D. Koreshkov	185	5	1090
Solubility Isotherms at 0° in the Ternary Systems NaBH4-NaCl-H2O and			
NaBH ₄ -NaBr-H ₂ O. V. I. Mikheeva and V. B. Breitsis	189	5	1093
Acetyl Derivatives of Pentaethanodiferrocene. A. N. Nesmeyanov, N. S. Kochetkova,			
and R, B, Materikova	193	5	1096
Synthesis of 1,14-Tetradecanedicarboxylic and 1,15-Pentadecanedicarboxylic Acids.			
G. I. Nikishin, G. V. Somov, and A. D. Petrov	197	5	1099
Method of Determining the Composition of an Extracted Complex. A. V. Nikolaev			
and M. P. Mikhailova.	201	5	1102
Infrared Spectra of Unsymmetrical Diacyl Peroxides. A. N. Sevchenko and I. P.			
Zyat'kov	203	5	1104
Stepwise Dehydration of Glycols on a Tricalcium Phosphate Catalyst. L. Kh.			
Freidlin and V. Z. Sharf	207	5	1108
Contact Conversions of Cyclooctane in the Presence of a Nickel Catalyst, S. I.	244	_	4440
Khromov, E. A. Shokova, Kh. E. Sterin, and B. A. Kazanskii	211	5	1112
Synthesis of Nucleotide Coenzymes and Related Compounds. Z. A. Shabarova,	015	•	1110
T. S. Ryabova, and M. A. Prokof'ev	215	5	1116
Catalytic Hydrogenation of Organic Oxides in a Flow System at a High Hydrogen	010		1100
Pressure. N. I. Shuikin, E. Kovach, I. F. Bel'skii, and M. Bartok	219	5	1120
Molecular Compounds of Diphenylcyclopropenone, Tropone, and Benzophenone	223	6	1335
with Hydrogen Chloride, Yu, G. Borod'ko and Ya, K. Syrkin Determination of the Heat of Formation of Indium Antimonide by Fusion in a	223	О	1339
Calorimeter Bomb. S. N. Gadzhiev and K. A. Sharifov	227	6	1339
Synthesis and Properties of Polyacetylene, V. V. Korshak, V. I. Kasatochkin,	221	O	1000
A. M. Sladkov, Yu. P. Kudryavtsev, and K. Usenbaev	231	6	1342
Isotopic Exchange of Hydrogen in Primary and Secondary Alkyl Chlorides.	201	O	1042
V. N. Setkina and D. N. Kursanov	235	6	1345
Addition of Isopropanol to Maleic Acid Initiated by Percarbonates. L. M. Terman,	200	0	1010
G. A. Razuvaev, and G. G. Petukhov	239	6	1349
New Method of Preparing S-Aminoacyl Derivatives of Cysteine Peptides. L. A.			4040
Shchukina, S. N. Kara-Murza, and G. F. Gromova	241	6	1351
Synthesis and Reactions of Silicoacetylenes. I. L. Shchukovskaya, R. I. Pal'chik,			
and A. D. Petrov	243	6	1354
Catalytic Conversions of N,N-Dialkylcyclohexylamines. R. D. Erlikh, S. V.			
Dobrovol'skii, and A. I. Korolev	247	6	1357
Synthesis of Unsaturated Organosilicon Peroxides. T. I. Yurzhenko and A. K.			
Litkovets	251	6	1361

Chemistry Section

Volume 137, Numbers 1-6

March-April, 1961

	PAGE	RUSS. ISSUE	RUSS. PAGE
Nitration of Some α , β -Unsaturated Aldehydes and Ketones of the Furan Series.			
K. K. Venters and S. A. Hillers	253	1	83
Platinum. Compounds of the Tetraamine Type. A. A. Grinberg and M. I. Gel'fman. On the Separation of Asymmetric Arsonium Compounds into the Optically Active	257	1	87
Antipodes. Gil'm Kamai and Yu. F. Gatilov	261	1	91
Difference. D. S. Kamenetskaya	264	1	94
and V. N. Setkina	266	1	96
R. O. Matevosyan, E. G. Gabriel'yan, A. K. Chirkov, and I. Ya. Postovskii Reactions of Halogen Derivatives of Ethyl- and Acetylferrocene. A. N. Nesmeyanov,	269	1	99
V. A. Sazonova, and V. N. Drozd	272	1	102
and B. N. Strunin	275	1	106
culation of Heats of Combustion of Alkanes. S. M. Skuratov and S. M. Shtekher Synthesis of Monohydric Saturated and Acetylenic Tertiary Alcohols of the Ferrocene	277	1	109
Series. Wu Kuan-li, E. B. Sokolova, I. E. Chlenov, and A. D. Petrov Conversion of Amines of the Furan Series to Pyrrolidine Homologs. I. F. Bel'skii and	280	1	111
N. I. Shuikin	282	2	331
Nitro Esters of C-Substituted Carbohydrates. Yu. A. Zhdanov and G. A. Korol'chenko Characteristics of the Electrolytic Deposition of Metals from Solutions of "Extraordinary	284	2	333
Purity. G. N. Znamenskii, I. V. Gamali, and V. V. Stender Organosilicon Monomers with Fluorine-Containing Cyclobutane Rings. G. V.	286	2	335
Odabashyan, V. A. Ponomarenko, Yu. N. Kovalev, and A. D. Petrov Rearrangement During Homolytic Addition of Hydrogen Bromide to Polyhaloalkenes.	289	2	338
R. Kh. Freidlina, V. N. Kost, M. Ya. Khorlina, and A. N. Nesmeyanov A Study of Bicyclic Terpenes and Their Oxides by the Proton Magnetic Resonance	292	2	341
Technique. B. A. Arbuzov, Z. G. Isaeva, and Yu. Yu. Samitov The Composition and Structure of the Compound of Titanium with Chromium.	296	3	589
R. B. Golubtsova	300	3	593
E. N. In'kova, and G. A. Shagisultanova	304	3	597
inium System. N. V. Grum-Grzhimailo, I. I. Kornilov, E. N. Pylaeva, and M. A. Volkova	306	3	599

	PAGE	RUSS. ISSUE	RUSS. PAGE
The Connection Between Unsaturation and Rate of Auto-Oxidation in Mixtures of			
Triglycerides of Natural Fats. N. S. Drozdov and N. P. Materanskaya The Order of the Addition of Lithium to Diphenyl. E. P. Kaplan, Z. I. Kazakova,	310	3	603
and A. D. Petrov	313	3	606
The Effect of Oxygen and Water on the Hydrogenation and Isomerization Activity of Tungsten Sulfide Catalyst. I. I. Levitskii and M. G. Gonikberg	316	3	609
The Solubility of Potassium Ozonide in Liquid Ammonia. S. Z. Makarov and E. I. Sokovnin	319	3	612
The p-Dimethylaminophenyl Mercury Derivatives of Nitrosoanilines and Nitroso- naphthylamines, A. N. Nesmeyanov and D. N. Kravtsov	321	3	614
The Reactions of Acyl Peroxides with Organic Derivatives of Lead, Tin and Silicon. G. A. Razuvaev, O. S. D'yachkova, N. S. Vyazankin, and O. A. Shchepetkova.	325	3	618
The Catalytic Synthesis of 2-n-Propyl-4-alkyltetrahydrofurans. N. I. Shuikin and			
I. F. Bel'skii The Diethyl Ester of 1-Ethoxy-1-cyclohexene-2-phosphonic Acid. B. A. Arbuzov,	329	3	622
V. S. Vinogradova, and N. A. Polezhaeva Investigation of the Nature of the Chemical Compounds in the System Ti-Si.	331	4	855
R. B. Golubtsova	335	4	859
of Certain Azomethine Compounds. Yu. P. Kitaev, G. K. Budnikov, T. V.			
Troepol'skaya, and A. E. Arbuzov A Method of Cleaving Toluene-C ¹⁴ to Determine the Position of the Label in the	338	4	862
Ring, V. A. Koptyug, I. S. Isaev, and N. N. Vorozhtsov A Radiation-Kinetic Method for the Determination of Ultrasmall Amounts of	342	4	866
Polonium. V. I. Kuznetsov and E. S. Ul'yanova	345	4	869
On the Interaction of Nitrobenzenediazonium Fluoborate with Phosphorus Trichloride, A. M. Lukin and I. D. Kalinina	349	4	873
On the Mechanism of the Reaction of Silicon Hydrides with Organic Halides in the Gas Phase, A. D. Petrov, E. A. Chernyshev, and Li Kuang-liang	352	4	876
Application of Neutron Activation Analysis to the Determination of Tungsten in	256		990
Minerals and Concentrates. I. N. Plaksin, I. F. Slepchenko, and L. P. Starchik. On the Formation of Solid Solutions Between Tricalcium and Tristrontium Silicates.	356	4	880
N. A. Toropov, A. I. Boikova, A. F. Ievins and S. K. Apinitis Telomerization and Polymerization of Ethylene with Silanes in the Presence of	358	4	882
Titanium Tetrachloride. R. Kh. Freidlina, E. Ts. Chukovskaya, Ts'ao-I, and A. N. Nesmeyanov Ways of Synthesizing Cyclic Systems of "BA" Tetracyclines. Synthesis of Esters of	361	4	885
Substituted 2-Ketocyclohexylacetic Acids, Yu. A. Arbuzov, A. A. Kiryushkin, M. N. Kolosov, Yu. A. Ovchinnikov, and M. M. Shemyakin	365	5	1106
2-8-Hydroxyethyl-2-phenylindandione-1,3. A. K. Aren, Ya. Ya. Dregeris, and G. Ya. Vanag	368	5	1110
Optical Studies of the Structure of 2-Methyl-1-hydroxycyclohexylethylene Oxides.			
M. I. Batuev, A. A. Akhrem, and A. D. Matveeva	371	5	1113
Vainshtein, Yu. F. Kopelev, and B. I. Kotlyar A Case of the Display of Pseudohaloid Properties by a Trifluoromethyl Group Attached	375	5	1117
to a Carbon Atom. I. L. Knunyants and Yu. A. Cheburkov	379	5	1121
L. Kh. Freidlin	383	5	1125

	PAGE	RUSS. ISSUE	RUSS. PAGE
Addition of Trichlorobromomethane to Compounds of the Structure R(C ₆ H ₅) ₂ ECH =			
CH2 (where R = C6H5, CH3; E = Sn, Si, C). R. Kh. Freidlina, G. T. Martirosyan,			
and A. N. Nesmeyanov	387	5	1129
Homolytic Isomerization of 2-Bromo-3,3-dichlorobutene-1. M. Ya, Khorlina and			
V. N. Kost	391	5	1133
Investigation of the Autooxidation of Alkyl and Halogen Derivatives of 1,1-Diphenyl-			
ethane and Isopropylbenzene. T. I. Yurzhenko and M. A. Dikii	394	5	1137
Structure of Complex Compounds of Stannic Chloride with Esters. A. Dembitskii,			
T. Sumarokova, and M. Usanovich	398	6	1357
Intersection of the Stable and Nonequilibrium Tetrahedra in the Septernary Re-			
ciprocal System Li, Na, Rb, T1 Br, Cl, NO3, SO4. N. S. Dombrovskaya,			
N. V. Khakhlova, and E. A. Alekseeva	402	6	1361
The System Composed of Sodium and Copper Arsenates and Carbonates. I. G.			
Druzhinin and A. Akbaev	405	6	1364
Synthesis of Polymerizing Antimony Organic Acrylates and Methacrylates. M. M.			
Koton and F. S. Fluorinskii	409	6	1368
Synthesis and Some Optico-Magnetic Properties of Polyferrocenes. A. N. Nesmeyanov			
V. V. Korshak, V. V. Voevodskii, N. S. Kochetkova, S. L. Sosin, R. B. Materikov	a,		
T. N. Bolotnikova, V. M. Chibrikin, and N. M. Bazhin	411	6	1370
Dipole Moments of Imidazole and Its Derivatives. O. A. Osipov, A. M. Simonov, V. I			
Minkin, and A. D. Garnovskii	414	6	1374
Study of Synthetic Pathways for the Peptide Part of Ergot Alkaloids', G. A. Ravdel',			
N. A. Krit, L. A. Shchukina, and M. M. Shemyakin	416	6	1377
A Study of Isomeric Octalins. A. V. Topchiev, G. M. Egorova, V. V. Bazilevich,			
and V. P. Estaf'ev	420	6	1381
Homolytic Isomerization of 1-Fluoro-1,1-dichloro-2-bromopropene. R. Kh. Freidlina	,		
V. N. Kost, T. T. Vasil'eva, and A. N. Nesmeyanov	424	6	1385
The Secondary Aromatic Polycyclic Structure of Lignin. M. I. Chudakov	428	6	1389
6-Azacytidine and Its Derivatives, F. Sorm, V. P. Chernetskii, S. Khladek, I. Veselyi			
and I. Smart	432	6	1393

Chemistry Section

Volume 138, Numbers 1-6

May-June, 1961

	PAGE	RUSS. ISSUE	RUSS. PAGE
Equilibrium Conditions in the Systems Co-O and Co-O-H.			
V. F. Balakirev and G. I. Chufarov	439	1	112
Bromination of Alkyl Thienyl Ketones, Yu. B. Vol'kenshtein and			
Ya. L. Gol'dfarb	442	1	115
Investigation of Conditions of Formation of Sodium Zeolites during Low-Temperature			
Hydrothermal Synthesis. S. P. Zhdanov and N. N. Buntar'	446	1	119
B.B.B-Trichloroethyl Esters of Some Trivalent Arsenic Acids. Gil'm Kamai			
and N. A. Chadaeva	449	1	123
An Investigation of the Magnetic Susceptibility of Polyalkanopolyferrocenes and			
Polyferrocenylenes. A. N. Nesmeyanov, A. M. Rubinshtein,			
G. L. Slonimskii, A. A. Slinkin, N. S. Kochetkova,			
and R. B. Materikova	451	1	125
Exchange Reactions and Subdivision of the Composition Diagram of the Quinary			
Reciprocal System of Nine Salts: The Chlorides, Bromides, and Sulfates of			
Lithium, Sodium, and Thallium. V. I. Posypaiko and			
N. S. Dombrovskaya	453	1	127
Yttrium Hydroxide, Vikt, I, Spitsyn and I. E. Zimakov		1	130
On the Nature of Sigmoid Viscosity Diagrams of Binary Systems. Yu. Ya. Fialkov.	459	1	133
The Interaction of Triarylsilanes with Allyl Chloride, Chlorobenzene, and p-Dichloro-			
benzene. E. Fisher and A. D. Petrov	462	1	136
General Principles of the Stabilization of the Beta Solid Solution in Titanium Alloys.			
N. V. Ageev and L. A. Petrova	465	2	359
Polycondensation as a Method for the Preparation of Polydialkylsiloxane and			
Polyaluminodialkylsiloxane Elastomers. K. A. Andrianov and			
A. A. Zhdanov	. 467	2	361
The Effect of Certain Cation Impurities on the Sintering of Spectroscopically Pure			
Magnesium Oxide. P. P. Budnikov, T. N. Keshishyan, and			
V. K. Yanovskii	. 471	2	365
Characteristics of the Formation of Complex Compounds with Cyclic Substituents.			
Kh. I. Gil'dengershel'	. 475	2	369
The Addition of Hydrogen Chloride and Acetic Acid to Isomeric 1,5,9-Cyclo-			
docecatrienes. L. I. Zakharkin, V. V. Korneva, and			
A. V. Iogansen	. 479	2	373
The Question of the Structure of Uranates. E. A. Ippolitova and			
L. M. Kovba	. 483	2	377
A Radiotracer Study of the Mechanism of the Destructive Hydrogenation of Benzene.			
I. V. Kalechits, V. G. Lipovich, and V. V. Vykhovanets	. 486	2	381
A New Route for the Synthesis of Steroid Compounds. The Total Synthesis of			
DL-8-Isoestrone, V. N. Leonov, S. N. Ananchenko, and			
I. V. Torgov	. 489	2	384

	PAGE	RUSS. PAGE	RUSS. ISSUE
A New Method for the Preparation of Polyene Aldehydes. S. M. Makin Reactions of o-Carboxybenzoylferrocene. A. N. Nesmeyanov,	492	2	387
V. D. Vil'chevskaya, and N. S. Kochetkova The Free Radical Addition of Carboxylic Acids to Vinyl and Allyl Acetates.	495	2	390
G. N. Nikishin, Yu. N. Ogibin, and A. D. Petrov Molocitrate Complexes of the Rare Earth Elements. D. I. Ryabchikov and	498	2	393
E. K. Korchemnaya	502	2	397
D. V. Sokol'skii and G. F. Tret'yakova	504	2	399
A. A. Akhrem and A. I. Kuznetsova	507	3	591
O. K. Bogdanova, and I. P. Belomestnykh	511	3	595
A. N. Nesmeyanov	514	3	598
V. V. Skopenko On the Composition and Properties of Uranates. E. A. Ippolitova and	517	3	601
L. M. Kovba	521	3	605
 F. Bel'skii, N. I. Shuikin, and R. A. Karakhanov Organosilicon Compounds with Hydrocarbon Bridges between Silicon Atoms. Alkylation of ω-Cyanoalkyltrimethylsilanes by Halomethyltrimethylsilanes. V. M. Vdovin, P. Sultanov, E. D. Lubuzh, and 	524	4	829
A. D. Petrov. Study of Phase Equilibrium in the Quasi-Ternary System Ti-Ti ₃ Sn-Zr.	526	4	831
V. V. Glazova and N. N. Kurnakov	530	4	835
N. A. Slovokhotova, E. N. Gur'yanova, I. M. Viktorova, and K. A. Kocheshkov Heats of Combustion of Some Phenylcyclopropane. M. P. Kozina, M. Yu. Lukina, N. D. Zubareva, I. L. Safonova,	534	4	839
S. M. Skuratov, and B. A. Kazanskii	537	4	843
Extractive Separation. E. E. Kriss and Z. A. Sheka Isolation of $(+)$ - δ - Cadinol from the Resin of Pinus Sibirica R. Mayr and Its	540	4	846
Identity with Torreol and Sesquigeol. V. A. Pentegova, O. Motl, and V. Gerout. Thermochemistry of the Reaction of Hexaethyldistannane with Benzoyl Peroxide. I. B. Rabinovich, V. I. Tel'noi, P. N. Nikolaev, and	543	4	850
G. A. Razuvaev. "The Intermetallic Compound Cd ₄ Sb ₃ ." Ya. A. Ugai, Yu. Ya. Dolgova,	545	4	852
and T. A. Zyubina	549	4	856
R. G. Petrova, and A. N. Nesmeyanov	553	4	859

	PAGE	RUSS. PAGE		
Effect of the Structure of Alkylaromatic Hydrocarbons on the Kinetics of Their				
Dehydrogenation, O. K. Bogdanova, A. A. Balandin, and				
I. P. Belomestnykh	557	5	1089	
Some Observations on the Crystallization of Beryllium Oxide From the Gas Phase.				
P. P. Budnikov and N. V. Shishkov	560	5	1093	
Kinetics of Substitutions in the Inner Sphere of Complex Molecules.				
A. D. Gel'man and L. N. Essen	563	5	1095	
Molecular Compounds of Stannic Chloride with Organic Sulfides.				
I. P. Gol'dshtein, E. N. Gur'yanova, and K. A. Kocheshkov.	566	5	1099	
Steric Hindrance in Menshutkin Reactions, M. G. Gonikberg and		_	1100	
B. S. Él'yanov	570	5	1103	
Addition of Germanium Hydrides to Unsaturated Compounds.	574		1107	
N. G. Dzhurinskaya, V. F. Mironov, and A. D. Petrov Thermal Decomposition of Diphenylguanidine and Its Reaction with Sulfur at	574	5	1107	
Vulcanization Temperature. B. A. Dogadkin and N. N. Pavlov	578	5	1111	
Synthesis and Geometric Configuration of Diethyl Esters of Dodeca-2,4,8,8-10-pen-	010	Ü	****	
taene-1,12-dioic and Hexadeca-2,4,6,8,10,12,14-heptaene-1,16-dioic Acids.				
V. F. Kucherov, B. G. Kovalev, G. A. Kogan, and				
L. A. Yanovskaya	581	5	1115	
Synthesis of Azoferrocene and Its Reduction and Behavior Under Conditions of the				
Benzidine Rearrangement E. G. Verevalova, A. N. Nesmeyanov,				
and T. V. Nikitina	584	5	1118	
Comparative Dienophile Reactivity in the Series: Vinyl, Sulfide-Vinyl Sulfoxide-				
Vinyl Sulfone. E. N. Prilezhaeva, L. V. Tsymbal, and				
M. F. Shostakovskii	588	5	1122	
Reaction of Benzoyl Peroxide with Titanocene Derivatives. G. A. Razuvaev,				
V. N. Latyaeva, and L. I. Vyshinskaya	592	5	1126	
Polycondensation at an Interphase. A. P. Terent'ev, I. G. Mochalina,	FOF		1100	
and E. G. Rukhadze.	595	5	1130	
Reaction of Fluoroolefins with Hydrogen Sulfide. A. V. Fokin,	597	5	1132	
A. A. Skladnev, and I. L. Knunyants	991	ð	1132	
and R. A. Karakhanov	601	5	1136	
Isotopic Investigation of the Higher Oxides and Peroxides of Uranium.	001		2200	
A. I. Brodskii and N. F. Franchuk	604	6	1345	
The Interaction of Polyethylene with Sulfur, B. A. Dogadkin and				
A. A. Dontsov	608	6	1349	
The Effect of Certain Variables on the Polycoordination Reaction.				
V. V. Korshak and S. V. Vinogradova	612	6	1353	
A Study of Structural and Steric Orientation in the Diene Condensation of 1-Vinyl-				
cyclopentene with Methyl Acrylate. V. F. Kucherov,				
E. P. Serebryakov, and R. E. Valter	616	6	1357	
Determination of the Molecular Weight of Chelate Polymers. A. P. Terent'ev,				
V. V. Rodé, E. G. Rukhadze, and E. S. Filatov	620	6	1361	
Regularities on the Catalytic Properties of the Rare Earths,	004		1005	
A. A. Tolstopyatova and A. A. Balandin	624	6	1365	
The Synthesis of Mixed Chelate-Cyclopentadienyl Compounds of Zirconium.	600	e	1369	
R. Kh. Freidlina, E. M. Brainina, and A. N. Nesmeyanov	628	6	1309	

Chemistry Section

Volume 139, Numbers 1-6

July-August, 1961

	PAGE	RUSS.	RUSS. PAGE
The Thermal Condensation of Dichlorosilane with Chlorobenzene. K. A. Andrianov,			
V. I. Savushkina, S. A. Golubtsov and B. A. Charskaya Gas Phase and Liquid Phase Oxidation of n-Butane. E. A. Blyumberg,	635	1	95
G. E. Zaikov, and N. M. Emanuel	639	1	99
Yu. G. Borod'ko and Ya. K. Syrkin	642	1	102
E. P. Molchalina, and I. L. Knunyants	646	1	106
and V. O. Lukashevich	649	1	110
A. N. Nesmeyanov, T. P. Tolstaya, and A. V. Grib The Lead Selinite - Lead Oxide System. B. A. Popovkin	653	1	114
and A. V. Novoselova	656	1	117
Complexes of Cobalt. I. V. Tananaev and B. F. Dzhurinskii Alkylation of Aromatic Hydrocarbons. Alkylation of Naphthalene by Propylene on an Aluminosilicate Catalyst at Moderate Temperatures. A. V. Tonchev,	. 659	1	120
M. V. Kurashev, and I. F. Gavrilenko Imination of 2-Substituted Indandiones-1,3. Ya. F. Freimanis	. 663	1	124
and G. Ya. Vanag	. 667	1	128
Alkylation of Tetrahydrofuran by Ethylene. I. I. Shuikin and B. L. Lebedev		1	131
Synthesis of β-Cedrene, M. I. Goryaev and G. A. Tolstikov		2	363
and S. I. Zav'yalov	. 677	2	367
and G. Ya. Vanags Absorption Spectra of Diphenylmethane and Diphenylethane Detrivatives Containing Nitro and Amino Groups on Different Rings. V. A. Izmail'skii	. 679	2	369
and V. A. Glushenkov	. 682	2	373
E. I. Klabunovskii, A. A. Balandin and Yu. I. Petrov Conversion of Isopropenylcyclopropane in the Presence of Kieselguhr. M. Yu. Lukina, S. V. Zotova, M. A. Markov, V. A. Ovodova	686	2	377
and B. A. Kazanskii	. 689	2	381
and Their Thio Analogs. B. M. Mikhailov and L. S. Vasil'ev Isotope Exchange Between Substituted Benzylmercury Bromides and Mercuric Bromide	. 693	2	385
Labeled with the Radioactive Isotope. T.A.Smolina and V.A.Kalyavin	. 69"	7 2	389

RUSS. RUSS. PAGE ISSUE PAGE

Metal Dialkyl Dithiophosphate Antioxidants. P. I. Sanin, V. V. Sher,			
	701	2	393
Synthesis of α -Furylnitroethylene and Investigation of its Ability to Undergo Polymerization, A. V. Topchiev, V. P. Alaniya			
	703	2	396
	705	3	597
Spectral Measurements in Mixed Solvents Based on Alkanes as a Method of Studying	100	U	001
the Interaction of Substances with Solvents, V. A. Izmail'skii			
and M. A. Mostoslavskii	709	3	601
Polymerization of Acetonitrile and Other Nitriles. B. A. Kabanov,			
V. P. Zubov and A. B. Zezin	713	3	605
Thin-Layer Chromatography of Cerebrosides. N. K. Kochetkov, I. G. Zhukova			
and I. S. Glukhoded	716	3	608
The Homologous Series of Uranium Oxides, UnO21+2. E. S. Makarov	720	3	612
Investigation of the Thermodynamic Properties of Cerium-Lead, Praseodymium-Lead.			
and Neodymium-Lead Alloys. P.P. Otopkov, Ya.I. Gerasimov and A. M. Evseev	700		010
Investigations in the Field of Multicomponent Nickel Systems, L. I. Pryakhina	723	3	616 618
A New Method for the Synthesis of Trichloromethyl Organomercury Compounds.	725	3	618
O. A. Reutov, and A. N. Lovtsova	729	3	622
Chemisorption of Isopropyl Alcohol on Metal Oxide- γ -Alumina Catalysts.	120	o	022
A. M. Rubinshtein, K. I. Slovetskaya and T. R. Brueva	733	3	626
The Nature of the Green Light and the Composition of the Products in the Combustion			
of Boron at a Temperature of 3100 K. A. D. Rusin and V. M. Tatevskii	736	3	630
On the Catalytic Hydrogenation of Esters. N. I. Shuikin, I. F. Bel'skii			
and V. M. Shostakovskii	740	3	634
Thermodynamic Properties of Ag-Sb Alloys. A. A. Vecher			
and Ya. I. Gerasimov	742	4	863
2-Phenyl-4, 5, 6, 7-Tetrahydroindandione-1, 3. E. Ya. Gren			0.00
and G. Ya. Vanag	745	4	866
on Platinum Films. V. M. Gryaznov and V. I. Shimulis	749	4	870
The Formation of Coarse Microscopic Growths in Crystalline Polypropylene.	140	4	810
V. A. Kargin and G. P. Andrianova	753	4	874
Reaction of Ethylenimine with Carbonyl Compounds. R. G. Kostyanovskii	756	4	877
Dissociation Heats of Kurnakov Compounds Ni ₃ Fe, Ni ₃ Mn, Ni ₃ Cr and Ni ₃ V.		•	
I. N. Kornilov and N. M. Matveeva	759	4	880
The Polymeric Nature of 5/6 Basic Aluminum Chloride and the Possibility			
of the Existence of Aluminum Oxychlorides of Higher Basicity. E. A. Levitskii,			
V. N. Maksimov, and I. Yu. Marchenko	763	4	884
Properties of Phenylferrocene, A. N. Nesmeyanov, E. G. Perevalova, S. P. Gubin			
T. V. Nikitina, A. A. Ponomarenko, and L. S. Shilovtseva Study of the System KF-ZrF4. A. V. Novoselova, Yu. M. Korenev,	767	4	888
and Yu. P. Simanov	771	4	89
Iron-Hafnium Composition Diagram V. N. Svechnikov and A. K. Shurin	771	4	89

RUSS. RUSS. PAGE ISSUE PAGE

Polymerization of Styrene, Butadiene, and Isoprene Initiated by Ethyllithium			
in Various Media. Yu. L. Spirin, D. K. Polyakov, A. R. Gantmakher,			
and S. S. Medvedev	778	4	899
Preparation and Some Properties of Metallic Scandium. Vikt. I. Spitsyn,			
L. N. Komissarova, and A. A. Men'kov	782	4	903
Sorption of Germanium on Aluminum Hydroxide. I. V. Tananaev, M. Ya. Shpirt,			
and T. I. Sendul'skaya	786	4	907
Acetate Complexes of Titanium. S. Ya. Shnaiderman and I. E. Kalinichenko.	789	4	910
Synthesis and Some Transformations of Silanes of the Vinylacetylene Series.			
M. F. Shostakovskii, N. V. Komarov, and Yu. V. Maroshin	792	4	913
Rhenium as a Hydrogenation Catalyst. A. A. Balandin, E. I. Karpeiskaya			
and B. D. Polkovnikov	795	5	1101
Reduction of Copper Ferrite, CuFeO ₂ , with Graphite. V. N. Bogoslovskii,			
N. M. Stafeeva and G. I. Chufarov	799	5	1105
The Structures of Diphenylcyclopropenone and Tropone Salts. B. E. Zaitsev,	100	0	1100
Yu. D. Koreshkov, M. E. Vol'pin and Yu. N. Sheinker	801	5	1107
The Magnetic Susceptibility of Inner-Comples Vanadyl Compounds with Tridentate	001	0	1101
Ligands. V. V. Zelentsov	804	5	1110
Separation of Quarternary Arsonium Compounds into Optically Active Antipodes	004	U	1110
by Asymmetric Adsorption on Natural Asymmetric Adsorbents. G. Kh. Kamai,			
E. I. Klabunovskii, Yu. F. Gatilov and G. S. Khodakov	806	5	1112
The Mechanism of the Formation of Carbonyl Compounds and Acids During Emulsion	800	o	1112
Oxidation of Isopropylbenzene, R. V. Kucher and S. D. Kaz'min	808	5	1114
1,1'-Bis(Acylperoxy) Dicylohexyl Peroxides. Yu. A. Ol'dekop, K. L. Moiseichuk,	808	0	1114
A. N. Sevchenko and I. P. Zyat'kov.	211	-	1117
On the Structure of δ-Keto Acids. Yu. A. Pentin, I. S. Trubnikov,	311	5	1117
R. B. Teplinskaya, N. P. Shusherina and R. Ya. Levina	015	-	1101
	815	5	1121
The Addition of Triphenylmethyl Radicals to Enyne Hydrocarbons and Silicohydrocarbons. A. A. Petrov, M. D. Stadnichuk			
	010	-	1101
and Yu. I. Kheruze	818	5	1124
The Decomposition of Cumene Hydroperoxide Catalyzed by KU-2 Cation-Exchange Resin.			
G. A. Razuvaev, V. A. Shushunov and V. A. Yablokov	821	5	1128
A Study of the Kinetics of the Acid Hydrolysis of Certain Phenyl- and Chlorophenylglycosides.			
B. N. Stepanenko and O. G. Serdyuk	824	5	1132
Molybdenum and Rhenium Diselenides. Yu. M. Ukrainskii			
and A. V. Novoselova	828	5	1136
Investigations in the Field of the Synthesis and Reactions of Unsaturated			
Organosilicon Compounds. The Synthesis of Branched Silicohydrocarbons			
of the Diacetylene Series, I. A. Shikiev, M. I. Aliev			
and B. M. Guseinzade	830	5	1138
Anionic Polymerization in the Presence of Aromatic Compounds. A. A. Arest-			
Yakubovich, A. R. Gantmakher and S. S. Medvedev	833	6	1351
The Solubility of Nitrogen in Liquid Manganese. I. B. Baratashvili,			
V. P. Fedotov, A. M. Samarin and V. M. Berezhiani	836	6	1354

RUSS. RUSS. PAGE ISSUE PAGE

A New Method for the Synthesis of Large-Ring Cyclic Ketones with the Odor of Musk.			
L. I. Belen'kii, S. Z. Taits and Ya. L. Gol'dfarb	838	5	1356
Hydroxymethylation of Phosphine and Its Derivatives. E. I. Grinshtein,			
A. B. Bruker and L. Z. Soborovskii	841	6	1359
New Syntheses of C-Substituted Carbohydrates. Yu. A. Zhdanov			
and G. A. Korol'chenko	844	6	1363
Arylalkylation of Anisole with Styrene and α-Methylstyrene in the Presence			
of BF ₃ ·H ₃ PO ₄ and BF ₃ ·O(C ₂ H ₅) ₂ . S. V. Zavgorodnii			
and E. V. Alisova	847	6	1367
Polymorphism in Crystalline Polypropylene. V. A. Kargin and I. I. Gorina	850	6	1371
Complexes of Polyacrolein with Salts of Heavy Metals. M. M. Koton,			
I. V. Andreeva, P. F. Andreev and E. M. Rogozina	852	6	1372
Organotin and Organolead Derivatives of Some Nitrogen-Containing Acids.			
D. A. Kochkin, S. G. Berenikina and I. B. Chekmareva	855	6	1375
Synthesis of Some Compounds with Two Adjacent Three-Membered Rings.			
A. P. Meshcheryakov and I. E. Dolgii	859	6	1379
A New Method for the Synthesis of Chlorides and Bromides of Aromatic Acids.			
Yu. A. Ol'dekop, A. M. Kalinina and S. A. Shklyar	862	6	1383
The Sequence of Reactions During Hydrogenation of 2,3-Dimethyl-1, 3-Butadiene			
Over Skeletal Nickel Catalyst, L. Kh. Freidlin, E. F. Litvin			
and Yu. Yu. Kaup	865	6	1386
The Thermal Conductivity and Viscosity of Zirconium and Hafnium Tetrachloride			
Vapors Over the Temperature Interval 300-700°C. V. I. Tsirel'nikov,			
I. N. Komissarova and Vikt. I. Spitsyn	868	6	1389

Chemistry Section

Volume 140, Numbers 1-6

September-October, 1961

	PAGE	RUSS. ISSUE	RUSS. PAGE
Some Characteristics of the Gas-Liquid Chromatography of C7-C12 Paraffins and			
Aromatic Hydrocarbons, V. G. Berezkin and L. S. Polak	871	1	115
I. S. Panidi	875	1	118
The Polycondensation of Acetone and Other Carbonyl-Containing Compounds, V. A. Kargin, V. A. Kabanov, V. P. Zubov, I. M. Papisov and	010		110
G. I. Kurochkina	878	1	122
Extraction of the Colored Complexes of Reagents of the Arsenazo-Thoron Group.			
V. I. Kuznetsov and S. B. Savvin	881	1	125
Concerning the Reaction of Rhenium Hexafluoride with Metal Fluorides.			
N. S. Nikolaev and E. G. Ippolitov	885	1	129
V. V. Sanadze	889	1	133
The Electronegativity of the Perfluorovinyl Radical. R. N. Sterlin, Vei-Gan Li, and			
I. L. Knunyants.	893	1	137
The Synthesis of Polymers with Regular Structure in the Polydimethylsiloxane Series.			
K. A. Andrianov, N. A. Kurasheva, L. K. Kuznetsova, and E. I. Gerkhardt	896	2	365
Synthesis and Some Properties of Polytetracyanoethylene, A. A. Berlin and			
N. G. Matveeva	899	2	368
New Conditions of Synthesis with Participation of the PtCl ₄ - Ion.			
Kh. I. Gil'dengershel' and E. P. Panteleeva	902	2	371
A Spectrophotometric Study of the Composition and Structure of Bromide and			
Iodide Complexes of Cobalt, B. F. Dzhurinskii and I. V. Tananaev	905	2	374
The Dehydration of Cycloaliphatic α-Ketones of the Cyclohexane and			
Δ ³ -Cyclohexane Series, G. P. Kugatova-Shemyakina and V. S. Vesa	908	2	377
The Alkylation of Para-Dichlorobenzene, Para-Chlorobromobenzene, and Para-			
Dibromobenzene by Propylene in the Presence of Sulfuric Acid.			
Yu. G. Mamedaliev and R. S. Alimardanov	912	2	381
The Addition of Silane Hydrides to Allylamine. A. V. Topchiev, T. I. Chernysheva,			
and I, N. Lyashenko	915	2	384
The Synthesis of Optically Active Depsipeptides. M. M. Shemyakin,			
E. I. Vinogradova, M. Yu. Feigina, N. A. Aldanova, V. A. Oladkina, and			
L. A. Shchukina	918	2	387
Triethyltin Peroxide. Yu. A. Aleksandrov and V. A. Shushunov	922	3	595
Synthesis of Polymers with Charged Hetero Atoms in Macromolecular Chains.			
Onium Polymerization. A. A. Berlin and E. F. Razvodovskii	925	3	598
Synthesis of Phosphocyanine Dyes. V. A. Kukhtin, A. V. Kazymov, and			
T. N. Voskoboeva	928	3	601
The Uranyl Dicarbonate Complex. D. I. Ryabchikov and E. K. Korchemnaya	932	3	605
Unsymmetrical Three-Carbon Condensation with 1,3-Indanediones.			
É. I. Stankevich and G. Ya. Vanags	934	3	607

	PAGE		RUSS.
Synthesis of Pyrrolidinecarboxylic Acids Through the Furane Derivatives.			
A, P. Terent'ev, R. A. Gracheva, and L. M. Volkova	937	3	610
A. V. Topchiev, B. A. Krentsel', V. V. Dal', and V. D. Oppengeim	941	3	614
G. V. Davydova	944	3	617
The Process and Products of the Hydrolytic Decomposition of Titanium	040		20.0
Tetrachloride. L. N. Shcheglov and Ya. E. Vil'nyanskii	946	3	620
L. N. Grobov, and G. A. Razuvaev Ketonization of CH ₃ COOH over CdO and MgO and the Kinetics of the Thermal	949	3	623
Decomposition of Cd(CH ₃ COO) ₂ and Mg(CH ₃ COO) ₂ . V. I. Yakerson,			
E. A. Federovskaya, and A. M. Rubinshtein	952	3	626
5-Hydroxy-5-Indandion-1,3-yl(2)-Barbituric Acid. G. Ya. Vanag and Yu. E. Pelcher.	955	4	815
Reactions of "Hot" Methyl Radicals in the Solid Phase at Low Temperatures.			
R. A. Varbanskaya, B. N. Shelimov, and N. V. Fok	958	4	818
and V. I. Smirnov.	961	4	822
Polymerization and Copolymerization of Isoprene under the Action of α-TiCl ₃ ·Al(C ₂ H ₅) ₃ . E. V. Zabolotskaya, V. A. Khodzhemipov,			
A, R, Gantmakher, and S, S, Medvedev	964	4	825
Continuous Solid Solutions of Metallides Ti ₃ Al-Ti ₂ Al-TiSn in the System Ti-Al-Sn. I. I. Kornilov and T. T. Nartova	968	4	829
Use of Ammonium Phosphotungstate for Ion-Exchange Separation of Rubidium and	071		200
Cesium. V. Kourzhim, A. K. Lavrukhina, and S. S. Rodin Thermal Decomposition of Addition Products of Trialkyl Phosphites and Biacetyl.	971	4	832
V. A. Kukhtin and K. M. Kirillova	973	4	835
Synthesis of Silicon-, Germanium-, and Tin-Containing Para-Substituted Styrenes and α-Methylstyrenes			
A. D. Petrov, E. A. Chernyshev, and T. L. Krasnova	975	4	837
Phosphorous-Containing Esters of Acrylic and Methacrylic Acids. A. N. Pudovik, É. I. Kashevarova, and Yu. P. Rudney	979	4	841
Hydrogenation of Unsaturated Compounds under Equilibrium Conditions on	010	*	011
Catalysts of the Platinum Group. D. V. Sokol'skii and G. F. Tret'yakova	982	4	844
Ternary Complexes of Methyllithium. T. V. Talalaeva, A. N. Rodionov, and K. A. Kocheshkov.	985	4	847
Synthesis of Phospholipids Containing Residues of Higher Aliphatic Polyenoic Acids.	900	*	0.1
V. I. Shvets, N. A. Bogoslovskii, V. M. Plyachenko, L. V. Vokova,	000		051
N. A. Preobrazhenskii, and G. I. Samokhalov	988	4	851
Solutions and some Organic Solvents. L. I. Yuranova, L. N. Komissarova, and			
V. E. Plyushchev	992	4	855
V. L. Antonovskii and B. I. Makalets	996	5	1070
Synthesis in the Field of 5-Nitrofuryl-2-Polyalkenals and 5-Nitrofuryl-2-Polyalkenones. The Reaction of Carbethoxymethylenetriphenylphosphorane			
and Acetylmethylenetriphenylphosphorane with α, β -Unsaturated and Polyene			
Aldehydes of the 5-Nitrofuran Series. K. K. Venter, S. A. Giller,			
V. F. Kucherov, V. V. Tsirule, and A. M. Karklinya.	999	5	1073

	PAGE	RUSS. ISSUE	
On the Interaction of Bases with Trans-(Pten ₂ Cl ₂)Cl ₂ . A. A. Grinberg and Yu. N. Kukushkin The Nature of the Kinetics of Styrene Polymerization Initiated by Tertiary Butyl	1002	5	1076
Peroxide and by Tertiary Butyl Perbenzoate. S. S. Ivanchev, A. I. Yurzhenko, and N. I. Solomko	1005	5	1079
T. K. Mitrofanova, A. A. Kraevskii, I. K. Sarycheva, and N. A. Preobrazhinskii. The Question of the Formation of Finely Crystalline Structures in Glass.	1008	5	1083
N. V. Solomin, V. I. Shelyubskii, and N. M. Vaisfel'd	1012	5	1087
Dehydration of Primary Dodecyl Alcohol over Magnesium Sulfate. I. Spitsyn, I. E. Mikhailenko, and G. N. Pirogova.	1015	5	1090
The Electrical Conductivity of Chelate Polymers. A. P. Terent'ev, V. M. Vozzhennikov, Z. V. Zvonkova, and L. I. Badzhadze Oxidation of β-Naphthol and Some of its Derivatives by Peroxide Compounds.	1018	5	1093
M. L. Khidekel', A. L. Buchachenko, G. A. Razuvaev, L. V. Gorbunova, and M. B. Neiman The Preparation of Hydrocarbons of a High Degree of Purity by Temperature-	1022	5	1096
S. Z. Roginskii, and M. I. Yanovskii.	1026	6	1307
Routes for the Synthesis of Three-Dimensional Heteroorganic Polymers of Regular Structure. K. A. Andrianov	1029	6	1310
Certain Features of the Interaction of Uranoso-Uranic Oxide with Acids. N. I. Blinova, V. M. Solntsey, and Yu. M. Tolmachev	1033	6	1314
Investigation of the Reactions of Phenyl Radicals in Solution by an Isotope and Mass Spectrometric Method. I. P. Gragerov and M. Ya. Turkina	1036	6	1317
The State of the Water in the Chlorophyll Molecule, A. V. Karyakin, V. M. Kutyurin, and A. K. Chibisov	1040	6	1321
Some Regularities of the Oxidation of Polydimethylsiloxane Rubber. A. S. Kuz'minskii and E. A. Goldovskii	1043	6	1324
Isotopic Analysis of Nitrogen by the Method of Electron Paramagnetic Resonance. O. L. Lebedev, M. L. Khidekel', G. A. Razuvaev	1046	6	1327
M. E. Maurit, G. V. Smirnova, E. A. Parfenov, I. K. Sarycheva, and N. A. Preobrazhenskii p-Dimethylaminophenylmercury Derivatives of Hydroxyazo Compounds and	1049	6	1330
Quinone Phenylhydrazones. A. N. Nesmeyanov and D. N. Kravtsov Equilibrium Conditions for the Reduction of Nickel Ferrite with Hydrogen.	1053	6	1334
G. P. Popov	1057	6	1338
M. I. Goryaev, G. A. Tolstikov, and A. P. Terent'ev. Radiation Method for the Synthesis of New Derivatives of Heterocyclic Compounds.	1059	6	1341
S. A. Safarov, M. A. Proskurnin, and B. F. Bogatikov Thermal Stability and Initiating Activity of Diacyl Peroxides of Paraffinic and	1063	6	1345
Phenylcarboxylic Acids. A. I. Yurzhenko, S. S. Ivanchev, and V. I. Galibei Oxidation, Reduction, and Disproportionation Reactions of Polyfluoronitrosoalkanes. A. Ya. Yakubovich, V. A. Ginsburg, S. P. Makarov, V. A. Shpanskii,	1065	6	1348
N. F. Privezentseva, L. L. Martynova, B. V. Kir'yan, and A. L. Lemke	1069	6	1352

PROCEEDINGS OF THE ACADEMY OF SCIENCES OF THE USSR Chemistry Section

Volume 141, Numbers 1-6

November-December, 1961

	PAGE	RUSS. ISSUE	RUSS. PAGE
Some New Derivatives of Imido Esters, A. E. Arbuzov and			
V. E. Shishkin	1073	1	81
Detection of α-Glycol Groups in Thin-Layer Chromatography on Silica Gel.			
L. D. Bergel'son, É. V. Dyatlovitskaya, and			
V. V. Voronkova	1076	1	84
On Two Conformations of Certain Transition Metal Complexes.			
I. B. Bersuker	1079	1	87
The Interaction of Sulfur with Rubber under the Influence of y-Radiation.			
B. A. Dogadkin, Z. N. Tarasova, M. S. Fogel'son,			
and A. I. Kashlinskii	1082	1	90
An Investigation of the System Mn-Si in the Silicon-Rich Region.			
L. D. Dudkin and E. S. Kuznetsova	1085	1	94
The Use of Ion-Exchange Chromatography in Radioactivation Analysis			
of Trace Impurities in Silica, A. I. Kalinin, R. A. Kuznetsov,			
V. V. Moiseev, and A. N. Murin	1089	1	98
A Study of the Interaction of Aqueous Potassium Metaniobate with Oxalic Acid.			
A. V. Lapitskii, L. G. Vlasov, E. P. Artamonova, and			
Yu. Zyulkovskii	1092	1	101
Hydrogenation of Cerium-Magnesium Alloys, V. I. Mikheeva and			
Z. K. Sterlyadkina	1094	1	104
Oxidation of Diisopropylmercury, G. A. Razuvaev, G. G. Petukhov,			
S, F. Zhil'tsov, and L. F. Kudryavtsev	1097	1	107
Synthesis and Some Reactions of Pyridylethynylcarbinols. P. B. Terent'ev,			
A. N. Kost, A. A. Shchegolev, and A. P. Terent'ev	1099	1	110
Double Oxides in the System Uranium-Tungsten-Oxygen, V. K. Trunov,			
L. M. Kovba, and Vikt. I. Spitsyn	1102	1	114
A Comparative Study of the Kinetics of the Conversion of Various Hydrocarbons			
to Acetylene in an Electrical Discharge in a Static System.			
A. B. Tsentsiper, E. N. Eremin, and N. I. Kobozev	1104	1	117
Application of the Taft Equation to Hydride Transfer in an Acid Medium.			
S. G. Entelis and G. V. Epple	1108	1	121
Pyrolysis and Photolysis of Polyfluoronitrosoalkanes. The Reaction of Nitroso			
Compounds with Nitric Oxide, A. Ya. Yakubovich,			
S. P. Makarov, V. A. Ginsburg, N. F. Privezentseva,			
and L. L. Martynova	1112	1	125
A Study of the Structure of some Complexes of Copper Acetate and			
Chloroacetates by Electron Paramagnetic Resonance. A. V. Ablov.			
Yu. V. Yablokov, and I. I. Zheru	1116	2	343
The Free Energy of Formation of Manganese Carbide Mn23C6.			
V. I. Alekseev and L. A. Shvartsman	1119	2	346

	PAGE	RUSS. ISSUE	
On the Interaction of Imido Esters with Alkyl Halides. A. E. Arbuzov and			
V. E. Shishkin	1122	2	349
B. D. Berezin	1126	2	353
T. Ya. Nikoforova Pyrrolizidine Alkaloids. The Absolute Configuration of 1-Methylenepyrrolizidine and other Pyrrolizidine Bases. A. M. Likhosherstov,	1130	2	357
A. M. Krytsin, and N. K. Kochetkov	1134	2	361
Yu. P. Simanov, and Vikt. I. Spitsyn Inhibitors of Free Radical Reactions. Autoalkylation of 3,5-Di-tert-Butyl-4Hydroxybenzylamine. G. A. Nikiforov and	1137	2	364
K. M. Dyumaev The Decomposition of Diphenylmercury in Cyclohexane and Cyclohexene. G. A. Razuvaev, G. G. Petukhov, Yu. A. Kaplin,	1141	2	368
and L. F. Kudryatsev	1144	2	371
and G. Ya. Vanags	1147	2	374
N. I. Kobozev	1150	2	378
V. E. Shishkin	1153	3	611
L. M. Pyrkov, A. V. Topchiev, and S. Ya. Frenkel' Catalytic Dehydrogenation of Alkylphenols. A. A. Balandin,	1155	3	613
G. M. Marukyan, and R. G. Seimovich Investigation of the Structure of Unsaturated Nitro Compounds by the Method of Dipole Moments. V. N. Vasil'eva, V. V. Perekalin, and	1158	3	616
V. G. Vasil'ev Synthesis and Investigation of the Structure of Double Diazonium Salts of Aluminum Halides. L. A. Kazitsyna, S. V. Pasynkevich,	1162	3	620
and O. A. Reutov	1166	3	624
G. Ya. Kondrat'eva and Huang Chih-heng Investigation of the Composition of Products of Reaction of Vanadium Oxytrichloride with Triethylaluminum. G. N. Petrov and	1169	3	628
A. A. Korotkov	1172	3	632
and K. G. Ryabova	1176	3	636
and G. Ya. Vanag Study of Polymerization of Cyano-Containing Organosilicon Compounds. A. M. Polyakova, V. V. Korshak, V. M. Vdovin, and	1178	3	638
E. S. Tambovtseva	1181	3	641

	PAGE		RUSS. PAGE
The Structure of "Anomalous" Aminonitrile Complex Compounds of			
Divalent Platinum. Yu. Ya. Kharitonov, Ni Tszya-Tszan',	1105	•	CAE
and A. V. Babaeva	1185	3	645
Chloride, and Titanium Tetrachloride, N. I. Shuikin,			
I. E. Grushko, and I. F. Bel'skii	1189	3	649
Mass Spectrometric Study of the Vapor Composition above Rare Earth Oxides.			
S. A. Shchukarev and G. A. Semenov	1192	3	652
Influence of Terminal Substituents in 5-Nitrofuryl Polyene Derivatives on			
Their Electronic Spectra, Ya. A. Eidus, K. K. Venter, and	1195	3	655
S. A. Giller	1130	o	000
A. A. Balandin, T. A. Slovokhotova and Yu. Chia-yung.	1199	4	839
Organosilicon Compounds with Hydrogen Bridges between the Silicon Atoms			
Thermal Conversions, V. M. Vdovin, K. S. Pushchevaya, and			
A. D. Petrov	1203	4	843
Investigation of the Mechanism of the Reaction of Aryl Nitroso Compounds with			
Hydrazoic Acid by Means of N15. B. A. Geller and			
L. S. Samosvat	1206	4	847
Investigation of Selenocyanate Complexes of Cobalt and Nickel.	1210	4	851
A. M. Golub and V. V. Skopenko	1210	4	991
The Structure of Sabinene Monohydrochloride. M. I. Goryaev and G. A. Tolstikov	1214	4	855
	1214	•	000
The Microstructure and Spectra of Benzylideneaniline and Azobenzene Derivatives and Their Salts, V. A. Izmail'skii and			
E. E. Milliaresi	1216	4	857
The Reaction of 5-Alkoxyoxazoles with Maleic Anhydride.	1210	•	001
G. Ya. Kondrat'eva and Huang Chih-heng	1221	4	861
The Composition of the Hydrolysis Products in Aluminum Chloride Solutions.			
Z. A. Levitskii and V. N. Maksimov	1225	4	865
Microdetermination by Gas Chromatography of Carbon and Hydrogen in Organic			
Compounds, B. M. Luskina, S. V. Syavtsillo,	1229	4	869
A. T. Terent'ev, and N. M. Turkel'taub	1229	4	009
O. Neiland and G. Vanag	1232	4	872
Synthesis and Spectra of Deuteronitroform. S. S. Novikov,			
K. K. Babievskii, and V. A. Shlyapochnikov	1235	4	875
Activities, Heats of Mixing, and Entropies of Mixing in Solid NiFe ₂ O ₄ - Fe ₃ O ₄			
Solutions, G. P. Popov and G. I. Chufarov	1237	4	877
Calcium Germanates and Their Properties, S. M. Royak and I. A. Prokhvatilova	1240	4	880
Concerning the Constitutional Diagram of the System Aluminum-Boron.	1210	•	000
V. T. Serebryanskii, V. A. Epel'baum, and			
G. S. Zhdanov	1244	4	884
Thallium Polychromates. N. I. Bashilova	1247	5	1083
Evaluation of the Comparative Electronegativities of Substituents in Aromatic			
Heterocyclic Systems by a Potentiometric Method. I. I. Grandberg and A. N. Kost	1051	5	1007
The Comparative Acidity of Hydroxyl Groups of D-Glucose, α- and	1251	5	1087
β-Methylglucosides, Maltose, and Cellobiose, V. A. Derevitskaya,			
G. S. Smirnova and A. A. Rogovin	1254	5	1090

	PAGE		RUSS. PAGE
Synthesis of 2-Aralkyl-1,3-Indanediones by Catalytic Hydrogenation			
of 2-Aralkyliden-1,3-Indanediones. T. T. Dumpis and G. Ya. Vanags	1257	5	1093
I. A. Kuzin	1261	5	1097
Symmetrical Dienes. E. G. Kataev and F. R. Tantasheva The Addition of Dialkyl Phosphites to 3,3'-Dimethoxy-4,4'-Biphenyl Diisocyanate and Diphenylmethane 4,4'-Diisocyanate.	1264	5	1101
E. V. Kuznetsov and M. I. Bakhitov	1268	5	1105
and I. L. Ivanova The Effect of Complex Formation on the Separation of Elements by	1270	5	1107
Cocrystallization, N. B. Mikheev and L. M. Mikheeva	1272	5	1109
I. F. Nichkov, O. A. Ryzhik, and S. P. Rasponin Synthesis of the Paraaminosalicylate Ester of Polyvinyl Alcohol. S. N. Ushakov, L. B. Trukhmanova, É. V. Drozdova,	1276	5	1113
T. M. Markelova	1280	5	1117
B. A. Dolgoplosk, and E. N. Kropacheva Investigation of the Infrared Absorption Spectra During Hardening of Resolic Phenol-Formaldehyde Resin. L. A. Igonin, M. M. Mirakhmedov,	1283	6	1363
K. I. Turchaninova, and A. N. Shabalin	1286	6	1366
K. N. Zelenin	1289	6	1369
E. G. Kataev and L. K. Barinova New Data on Reduction of Copper Oxides by Gaseous Reducing Agents at Low	1293	6	1373
Temperatures (< 100°). M. S. Kurchatov	1296	6	1376
F. A. Mendelevich and M. M. Shemyakin	1299	6	1380
V. I. Kovaleva Boron Compounds. Synthesis and Properties of Tri-(ω-Styryl)-Boron. A. V. Topchiev	1303	6	1384
A. A. Prokhorova, and M. V. Kurashev Equilibrium of the Tetrazole and Azide Forms in Benzothiazolotetrazole. Yu. N. Sheinker, I. Ya. Postovskii, N. P. Bednyagina,	1305	6	1386
L. B. Senyavina, and L. F. Lipatova	1307	6	1388
V. A. Shushunov and T. G. Brilkina	1310	6	1391
N. N. Vorozhtsov, Jr.	1314	6	1395
Author Index, Vols. 136-141	1319		
Tables of Contents	1326		